

VISION DATE: 20010430

? show files

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Oct  
(c)2003 Info.Sources Inc

? ds

Set	Items	Description
S1	1175	(DIGITAL OR ELECTRONIC) (3N) (DOCUMENT? ? OR FORM? ? OR ORDERFORM OR CONTRACT? ?)
S2	464	HEADER? OR (FIRST OR TOP) () (PORTION OR SECTION OR PART)
S3	25	(MIDDLE OR SECOND) () (PORTION OR SECTION OR PART)
S4	13	(THIRD OR LAST OR FINAL) () (PORTION OR PART)
S5	868	METHOD(3N) (PAYMENT) OR CREDITCARD OR CREDIT()CARD
S6	121	(ITEM OR ITEMS OR PRODUCT OR PRODUCTS OR PURCHASES) (3N) (ORDERED OR SELECTED)
S7	45	ORDER() FORM? ?
S8	300	(ELECTRONIC? OR DIGITAL?) (3N) (SIGNATURE OR APPROVAL?)
S9	20	E()SIGNATURE OR ESIGNATURE
S10	3134	CRYPTOGRAPHIC OR ENCRYPTION OR EN() (CRYPT? OR COD? OR CIPHER? OR CYPHER?) OR SCRAMBLE? OR ENCRYPT OR ENCOD? OR ENC?PHER
S11	69664	AUTHENTICAT? OR PROV? OR AUTHOR? OR APPROV? OR ALLOW? OR ACCEPT? OR VALIDAT? OR CONFIRM? OR VERIF? OR ACKNOWLEDG? OR CERTIFY OR ATTESTS OR CERTIFIES OR ATTEST
S12	139	CATALOG? (3N) (FORM OR FORMS OR ORDER?)
S13	80	(THREE OR MULTIPLE) () (PART OR PARTS)
S14	5	MULTI() PART
S15	18249	FORM OR FORMS OR DOCUMENT? OR ORDERFORM?
S16	2	(DIGITAL? OR ELECTRONIC?) (3N) (ORDER() FORM? ? OR ORDERFORM?)
S17	2	RD (unique items)
S18	2	S17 NOT PD=19990709:20031110
S19	0	S18 AND (S2 OR S3 OR S4)
S20	342	CREDIT()CARDS OR CREDITCARDS
S21	0	S18 AND S5 AND S6 AND (S8 OR S9 OR S10 OR S11)
S22	0	S18 AND S5 AND (S8 OR S9) AND (S10 OR S11)
S23	1	S18 AND (S5 OR S6 OR S8 OR S9 OR S10 OR S11)
S24	0	S18 AND (S13 OR S14)
S25	0	S16/DE, TI
S26	0	S18 AND (S8 OR S9)
S27	0	S18 AND (S20 OR S5)
S28	0	S27 AND S11

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18/7/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00078391

DOCUMENT TYPE: Review

PRODUCT NAMES: MIME (830463)

TITLE: Active Mail: Empowering Email Applications

AUTHOR: Freed, Ned

SOURCE: Computer Technology Review, v15 n4 p7(2) Apr 1995

ISSN: 0287-9647

HOME PAGE: <http://www.westworldproductions.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Seamlessly exchanging PostScript, binary, and audio/video files is now possible through the Multipurpose Internet Mail Extensions (MIME) standard. A MIME-based e-mail technology known as Active Mail provides a standard way to add more power and intelligence to e-mail messages. Active Mail includes a self-activating computer program that can be included as part of the e-mail message, and provides a good way to create an interactive application, such as an \*electronic\* \*order\* \*form\*. Active Mail is sent the same way as conventional e-mail. The messages are sent by a message transfer service (MTS) which is comprised of message transfer agents (MTAs) that are accessed by individual user agents (UAs). However, there needs to be a standardized infrastructure to make sure that Active Mail messages are safe, and that it is impossible to create harmful messages.

REVISION DATE: 19990830

18/7/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00076130

DOCUMENT TYPE: Review

PRODUCT NAMES: Shopping2000 (564281)

TITLE: Selling on CD

AUTHOR: Goldsborough, Reid

SOURCE: PC Today, v9 n2 p58(3) Feb 1995

ISSN: 1040-6484

HOME PAGE: <http://www.pctoday.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

CD-ROM catalogs are a new way of reaching potential customers. A great advantage to this type of advertising is that customers have searchability, and they are able to employ multimedia technology. ContentWare's Shopping2000 shopping catalog CD-ROM runs on Windows or Macintosh. It makes good use of multimedia, and has several audio samples from available music products, spoken product descriptions, and full-motion video. The catalog offers family-oriented general merchandise. Magellan Systems' Merchant catalog offers products and services from 39 merchants and travel

companies. Most of the advertisers are general merchandisers, such as L.L. Bean, and over 5,000 products are listed. Customers order merchandise by pressing on-screen buttons, and the program stores the information in an \*electronic\* \*order\* \*form\* that is then printed and mailed. 2Market's 2Market CD-ROM is a very visible offering, and includes products from several top retailers.

REVISION DATE: 20010430

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show files  
File 35:Dissertation Abs Online 1861-2003/Oct  
    (c) 2003 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
    (c) 2002 The Gale Group  
File 65:Inside Conferences 1993-2003/Nov W2  
    (c) 2003 BLDSC all rts. reserv.  
File 2:INSPEC 1969-2003/Nov W1  
    (c) 2003 Institution of Electrical Engineers  
File 144:Pascal 1973-2003/Nov W1  
    (c) 2003 INIST/CNRS  
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
    (c) 2003, EBSCO Pub.  
File 474:New York Times Abs 1969-2003/Nov 07  
    (c) 2003 The New York Times  
File 475:Wall Street Journal Abs 1973-2003/Nov 07  
    (c) 2003 The New York Times  
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep  
    (c) 2003 The HW Wilson Co.  
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Set	Items	Description
S1	20428	(DIGITAL OR ELECTRONIC) (3N) (DOCUMENT? ? OR FORM? ? OR ORDERFORM OR CONTRACT? ?)
S2	42170	HEADER? OR (FIRST OR TOP) () (PORTION OR SECTION OR PART)
S3	37851	(MIDDLE OR SECOND) () (PORTION OR SECTION OR PART)
S4	11228	(THIRD OR LAST OR FINAL) () (PORTION OR PART)
S5	25196	METHOD(3N) (PAYMENT) OR CREDITCARD OR CREDIT()CARD
S6	4513	(ITEM OR ITEMS OR PRODUCT OR PRODUCTS OR PURCHASES) (3N) (ORDERED OR SELECTED)
S7	784	ORDER() FORM? ?
S8	2904	(ELECTRQNIC? OR DIGITAL?) (3N) (SIGNATURE OR APPROVAL?)
S9	54	E()SIGNATURE OR ESIGNATURE
S10	180088	CRYPTOGRAPHIC OR ENCRYPTION OR EN() (CRYPT? OR COD? OR CIPHER? OR CYPHER?) OR SCRAMBLE? OR ENCRYPT OR ENCOD? OR ENC?PHER
S11	5813808	AUTHENTICAT? OR PROV? OR AUTHOR? OR APPROV? OR ALLOW? OR ACCEPT? OR VALIDAT? OR CONFIRM? OR VERIF? OR ACKNOWLEDG? OR CERTIFY OR ATTESTS OR CERTIFIES OR ATTEST
S12	2068	CATALOG?(3N) (FORM OR FORMS OR ORDER?)
S13	11485	(THREE OR MULTIPLE) () (PART OR PARTS)
S14	298	MULTI()PART
S15	1592501	FORM OR FORMS OR DOCUMENT? OR ORDERFORM?
S16	12	(DIGITAL? OR ELECTRONIC?) (3N) (ORDER() FORM? ? OR ORDERFORM?)
S17	12	RD (unique items)
S18	7	S17 NOT PD=19990709:20031110
S19	0	S18 AND (S2 OR S3 OR S4)
S20	9995	CREDIT()CARDS OR CREDITCARDS
S21	0	S18 AND S5 AND S6 AND (S8 OR S9 OR S10 OR S11)
S22	0	S18 AND S5 AND (S8 OR S9) AND (S10 OR S11)
S23	1	S18 AND (S5 OR S6 OR S8 OR S9 OR S10 OR S11)
S24	0	S18 AND (S13 OR S14)
S25	3	S16/DE, TI
S26	0	S18 AND (S8 OR S9)
S27	0	S18 AND (S20 OR S5)
S28	0	S27 AND S11
	?	

23/7/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6151837 INSPEC Abstract Number: C1999-03-7150-018

Title: **Expert \*Provisioner\*: a range management aid**  
Author(s): Power, R.; Reynolds, S.; Kingston, J.; Harrison, I.;  
Macintosh, A.; Tonberg, J.  
Author Affiliation: Logistics Res., RAF Wyton, Huntingdon, UK  
Journal: Knowledge-Based Systems Conference Title: Knowl.-Based Syst.  
(UK) vol.11, no.5-6 p.339-44

Publisher: Elsevier  
Publication Date: 23 Nov. 1998 Country of Publication: UK  
CODEN: KNSYET ISSN: 0950-7051  
SICI: 0950-7051(19981123)11:5/6L.339:EPRM;1-U  
Material Identity Number: K903-1999-001  
U.S. Copyright Clearance Center Code: 0950-7051/98/\$19.00  
Conference Title: Proceedings of 17th Annual International Conference on  
Expert Systems  
Conference Date: 15-17 Dec. 1997 Conference Location: Cambridge, UK  
Document Number: S0950-7051(98)00062-8  
Language: English Document Type: Conference Paper (PA); Journal Paper  
(JP)

Treatment: Applications (A); Practical (P)  
Abstract: Expert \*Provisioner\* is a knowledge-based \*provisioning\* system developed by Royal Air Force (RAF) logistics research and AIAI at the University of Edinburgh for use by the RAF logistics command to support the procurement of consumable parts. The starting point for Expert \*Provisioner\* is an \*electronic\* purchase \*order\* \*form\* and its end point is a recommendation of whether to buy the item or not, its cost and due delivery date. Purchase recommendations are based on many factors including forecast demand, unit costs, shelf life and existing stock levels. Identified benefits of the system include improved speed and accuracy of the data checking and order quantity calculation processes; automatic recording of \*provisioning\* history data for use in financial management/analysis; and finally, the ability to \*allow\* trainees to work on real life problems and compare their results with the experts. (2 Refs)

Subfile: C  
Copyright 1999, IEE  
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O S27 AND S11  
? t 25/7/all

25/7/1 (Item 1 from file: 65)  
DIALOG(R)File 65:Inside Conferences  
(c) 2003 BLDSC all rts. reserv. All rts. reserv.

03353566 INSIDE CONFERENCE ITEM ID: CN035430740  
\*ELECTRONIC\* \*ORDER\* \*FORM\* FOR SPECIAL MEASUREMENT MILITARY UNIFORMS: A  
TEST CASE FOR MASS CUSTOMIZATION

Staples, N. J.  
CONFERENCE: International Textile and Apparel Association-Annual meeting  
ITAA PROCEEDINGS, 1999; (NO) 56 P: 89  
Monument, CO, International Textile and Apparel Association, 1999  
LANGUAGE: English DOCUMENT TYPE: Conference Abstracts and papers  
CONFERENCE EDITOR(S): Owens, N. J.  
CONFERENCE SPONSOR: International Textile and Apparel Association  
CONFERENCE LOCATION: Santa Fe, NM  
CONFERENCE DATE: Nov 1999 (199911) (199911)

25/7/2 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2003 INIST/CNRS. All rts. reserv.

16174978 PASCAL No.: 03-0332525  
Whatever happened to eBIS-XML?  
LOIGORRI Eduardo  
Exchequer Software, United Kingdom  
Journal: Information management & technology, 2003, 36 (2) 68-69  
ISSN: 1356-0395 Availability: INIST-15626; 354000110844990030  
Document Type: P (Serial) ; A (Analytic)  
Country of Publication: United Kingdom  
Language: English  
La technologie eBIS-XML (Electronic Business XML) definit l'echange de  
bons de commande et de facturation via Internet

Copyright (c) 2003 INIST-CNRS. All rights reserved.

25/7/3 (Item 2 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2003 INIST/CNRS. All rts. reserv.

15523625 PASCAL No.: 02-0220903  
Delivering the goods for Newcastle City Council with a little help from  
FormScape  
Journal: Information management & technology, 2002, 35 (1) 33-34  
ISSN: 1356-0395 Availability: INIST-15626; 354000103461540070  
Document Type: P (Serial) ; A (Analytic)  
Country of Publication: United Kingdom  
Language: English  
Tenue de remplacer son logiciel de gestion des achats peu fiable,  
l'administration de la ville de Newcastle a choisi FormScape et Zetafax  
pour le traitement et le suivi de ses commandes par fax. Cette solution,  
d'une grande fiabilite, a permis de diminuer le temps et les couts lies au  
processus de commande et de beneficier d'un retour sur investissements  
immédiat.

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show files  
File 610:Business Wire 1999-2003/Nov 10  
(c) 2003 Business Wire.  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 476:Financial Times Fulltext 1982-2003/Nov 10  
(c) 2003 Financial Times Ltd  
File 624:McGraw-Hill Publications 1985-2003/Nov 07  
(c) 2003 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2003/Nov 08  
(c) 2003 San Jose Mercury News  
File 20:Dialog Global Reporter 1997-2003/Nov 10  
(c) 2003 The Dialog Corp.

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Set	Items	Description
S1	53042	(DIGITAL OR ELECTRONIC) (3N) (DOCUMENT? ? OR FORM? ? OR ORDERFORM OR CONTRACT? ?)
S2	140501	HEADER? OR (FIRST OR TOP) () (PORTION OR SECTION OR PART)
S3	25184	(MIDDLE OR SECOND) () (PORTION OR SECTION OR PART)
S4	25602	(THIRD OR LAST OR FINAL) () (PORTION OR PART)
S5	188026	METHOD(3N) (PAYMENT) OR CREDITCARD OR CREDIT()CARD
S6	25392	(ITEM OR ITEMS OR PRODUCT OR PRODUCTS OR PURCHASES) (3N) (ORDERED OR SELECTED)
S7	34406	ORDER() FORM? ?
S8	11946	(ELECTRONIC? OR DIGITAL?) (3N) (SIGNATURE OR APPROVAL?)
S9	903	E()SIGNATURE OR ESIGNATURE
S10	145818	CRYPTOGRAPHIC OR ENCRYPTION OR EN() (CRYPT? OR COD? OR CIPHER? OR CYPHER?) OR SCRAMBLE? OR ENCRYPT OR ENCOD? OR ENC?PHER
S11	179565	CATALOG? (3N) (FORM OR FORMS OR ORDER?)
S12	18229	(THREE OR MULTIPLE) () (PART OR PARTS)
S13	852	MULTI() PART
S14	3298593	FORM OR FORMS OR DOCUMENT? OR ORDERFORM?
S15	114	(DIGITAL? OR ELECTRONIC?) (3N) (ORDER() FORM? ? OR ORDERFORM?)
S16	89	RD (unique items)
S17	0	S18 AND (S2 OR S3 OR S4)
S18	84271	CREDIT()CARDS OR CREDITCARDS
S19	46	S18 AND S5 AND S6 AND (S8 OR S9 OR S10 OR S11)
S20	88	S18 AND S5 AND (S8 OR S9) AND (S10 OR S11)
S21	40405	S18 AND (S5 OR S6 OR S8 OR S9 OR S10 OR S11)
S22	16679	S18 AND (S13 OR S14)
S23	0	S16/DE, TI
S24	378	S18 AND (S8 OR S9)
S25	37494	S18 AND (S20 OR S5)
S26	0	S27 AND S11

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19/3,K/1 (Item 1 from file: 610)

DIALOG(R) File 610:Business Wire

(c) 2003 Business Wire. All rts. reserv.

00824724 20021216350B5970 (USE FORMAT 7 FOR FULLTEXT)

Airgas Expands Availability of eCatalog; \*Credit\* \*Card\* Purchases Now Available Online

Business Wire

Monday, December 16, 2002 09:01 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSPWIRE

WORD COUNT: 753

Airgas Expands Availability of eCatalog; \*Credit\* \*Card\* Purchases Now Available Online

TEXT:

...available only to registered users of the B2B site. Visitors also can purchase products by \*credit\* \*card\*.

"One of the major purposes of the eBusiness site has been to help customers find...

...product information side-by-side.

Through a "My Catalog" feature, customers can create their own \*catalog\* of commonly \*ordered\* \*products\*, and review order status, obtain customer-specific pricing, and review past invoices. Since opening its...

...our customers

and for Airgas," said Justice.

The new features of the eBusiness site include:

- \*Credit\* \*card\* purchases are now enabled for customers without accounts
- Online account registration for current Airgas customers...

...INDUSTRY NAMES: \*CREDIT\* \*CARDS\*;

19/3,K/2 (Item 2 from file: 610)

DIALOG(R) File 610:Business Wire

(c) 2003 Business Wire. All rts..reserv.

00769160 20020829241B6133 (USE FORMAT 7 FOR FULLTEXT)

ALPS ELECTRIC --USA--, INC. to Launch 'alpsstore.com,' an Online Store for Electronic Components, on September 1

Business Wire

Thursday, August 29, 2002 20:01 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSPWIRE

WORD COUNT: 476

TEXT:

...provides ALPS customers the opportunity to easily order components within a short period of time. \*Products\* \*ordered\* by 3pm Pacific

Standard Time (PST) will be shipped the same day and delivered by...

...service. "alpsstore.com" will initially offer mechatronic components such as switches, tact switches, potentiometers and \*encoders\*. Users can

choose

from 122 items with various general-use features as well as highly...

...by registering at "MY ALPS",  
order delivery status and much more. Also, "alpsstore.com" accepts \*credit\*  
\*card\*  
as the \*method\* of \*payment\* including Master Card, Visa and American  
Express for  
customers' convenience.

"In the North American region..."

...switches, telephone-hook  
switches, detector switches, dual in-line package type switches, multi  
control  
devices, \*encoders\*, jog shuttle switches, TACT switches, metal shaft  
potentiometers, insulated shaft potentiometers, micro type potentiometers,  
slide...

...INDUSTRY NAMES: \*CREDIT\* \*CARDS\*;

**19/3, K/3 (Item 3 from file: 610)**

DIALOG(R) File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00713679 20020514134B0428 (USE FORMAT 7 FOR FULLTEXT)  
Optimal Robotics Selects @pos Signature Capture Terminal for Self-Checkout  
Solution  
Business Wire  
Tuesday, May 14, 2002 09:12 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSPRINT  
WORD COUNT: 648

TEXT:

...checkout  
for shoppers. With the PenWare 120 from @pos shoppers paying for groceries  
with a \*credit\* \*card\* will be able to sign their signature at the U-Scan  
terminal  
to complete the payment transaction. Merchants eliminate the hassle and  
cost  
of paper receipt storage because the \*digital\* \*signature\* is stored on the  
store's host computer system. In case of transaction repudiations,  
accessibility...

Optimal Robotics is pleased to implement @pos' PenWare 120 in our U-Scan  
\*product\* line. We \*selected\* the terminal because it is the best solution  
on the  
market for small footprint and...

...directly at the  
U-Scan station and avoid any unnecessary cashier intervention. Shoppers  
paying  
with \*credit\* \*cards\* at the U-Scan terminal will find the PenWare 120  
easy-to-operate and a...

...transaction  
technologies. The company provides signature capture products, web-enabled  
payment platforms, smart card interfaces, \*encryption\* engines supporting  
DES

and Triple DES, and an extensive suite of software tools. With complete...

...and retrieval. @pos currently services the retail, government and banking markets for applications that include \*electronic\* \*signature\* capture, debit and credit payments. For more information, see [www.atpos.com](http://www.atpos.com), email to info...

**19/3,K/4 (Item 4 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00392155 20001024298B9389 (USE FORMAT 7 FOR FULLTEXT)  
INTR subsidiary, Integrated Merchant Services, will customize merchant account pricing to meet special needs of each business  
Business Wire  
Tuesday, October 24, 2000 08:04 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWswire  
WORD COUNT: 319

TEXT:

...with specialized merchant accounts that meet their individual needs. Any size firm can now accept \*credit\* \*cards\* through Integrated Merchant Services.

About Integrated Merchant Services (IMS)

...that the backbone of a retail enterprise these days is its degree of access to \*credit\* \*card\* acceptance. Whether doing business from a storefront, through mail order, home office, or on the...  
...a "virtual cash register". Acting as a typical storefront checkout the "cart" will calculate the \*selected\* \*items\* and shipping costs then contact the \*credit\* \*card\* company for authorization. It will \*encrypt\* (\*scramble\*) the \*credit\* \*card\* number on the shopping cart server to insure the privacy of both customer and the...

INDUSTRY NAMES: \*CREDIT\* \*CARDS\*;

**19/3,K/5 (Item 5 from file: 610)**

DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00326503 20000721203B8390 (USE FORMAT 7 FOR FULLTEXT)  
Clare Signs Deal With Innovonics to Provide Custom Chip for New E-Commerce Security Product  
Business Wire  
Friday, July 21, 2000 18:28 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWswire  
WORD COUNT: 521

TEXT:

...Innovonics' PC Pay device is a combination smart card and magnetic card reader with an \*encryption\* PIN pad which connects to a PC. Using bank ATM network standards, the patented PC Pay device helps protect the user from fraud by encrypting \*credit\* \*card\* and other information before it enters a PC. Some of the key benefits of PC...

...custom IC solution will combine the card-reader function and the digital circuitry used for \*encryption\* in one chip. This integration enables a significant reduction in board space, production expense and manufacturing time for Innovonics' PC Pay \*encryption\* authentication \*products\*.

"We \*selected\* Clare because of its experience in developing solutions for mixed-signal applications and its responsive...

...to use one payment system for both their real world and virtual world needs utilizing \*credit\* \*card\*, ATM/debit card and other payment programs. For more information, see [www.MerchantOnline.com](http://www.MerchantOnline.com). Innovonics...

...INDUSTRY NAMES: \*CREDIT\* \*CARDS\*;

19/3,K/6 (Item 6 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00236471 20000320080B5446 (USE FORMAT 7 FOR FULLTEXT)  
PenOp Announces Ceremony, the First Unified Method for Signing, Authenticating and Auditing Any eBusiness Transaction  
Business Wire  
Monday, March 20, 2000 01:51 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWswire  
WORD COUNT: 1,248

TEXT:  
Ceremony is first software to address broad legal, regulatory and consumer protection requirements for collecting \*electronic\* signatures

With \*electronic\* \*signature\* laws already enacted in 45 U.S. states, national legislation moving through Congress, and similar...

...method in conjunction with any electronic document format and results in a tamper-proof, confidential \*electronic\* \*signature\* and \*digital\* receipt for all signatories.

Ceremony is a legal replacement for ink-on-paper signatures that...

...Massachusetts has been a leader in government e-commerce applications, but the lack of an \*electronic\* \*signature\* process that accommodates the wide range of business requirements and government practices has been a...

...the moment it is signed. If the original content is altered in any way, the \*electronic\* \*signature\* is automatically invalidated. All parties to the signed document can receive a paper or secure...

...handwritten digital autographs, biometric-based identification technologies (such as iris scans, voice and fingerprints) and \*credit\* \*card\* numbers. As a result, Ceremony users can custom-design an eBusiness solution leveraging their existing IT infrastructure of \*eSignature\* methods and security products. This flexibility arises from Ceremony's modular based architecture.

"The adoption of an open platform \*eSignature\* framework is vital to the future of fully digital, full-scale e-commerce over the..."

...laws are confirming that electronic signatures can be created with many different security devices, including \*cryptographic\* keys, biometrics and identification numbers such as PINs or \*credit\* \*cards\*," said Benjamin Wright, an attorney and author of The Law of Electronic Commerce. "They further confirm that the meaning, affect and authenticity of an \*electronic\* \*signature\* must be proven from all the facts and circumstances surrounding creation of the signature. Ceremony...  
...and evidentiary context for memorializing the online signing ceremony in support of any of the \*eSignature\* technologies or combinations thereof."

To provide the widest possible coverage for Ceremony users, PenOp is...

...VeriSign Inc., Xcert International Inc., ZeroPlus.com and IriScan Inc. PenOp is currently testing Ceremony \*products\* with \*selected\* strategic alliance partners and customers with plans for a general release later this year.

#### About PenOp

PenOp ([www.penop.com](http://www.penop.com)) is a global leader in providing legally binding, technology-neutral \*electronic\* \*signature\* technology for eBusiness. PenOp's patented, online signing process gathers the Digital Evidence(TM) required ...a new account or sign a receipt without paper.

PenOp is a registered trademark and \*Signature\* Series, Ceremony, and \*Digital\* Evidence are trademarks of PenOp Ltd. PenOp software is the subject of U.S. Patent...

19/3,K/7 (Item 7 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00042620 19990510130B0837 (USE FORMAT 7 FOR FULLTEXT)  
CardTech/SecurTech '99 Exhibitor Profiles I-M; Conference and Exposition to be held May 11 through 14, Chicago

Business Wire

Monday, May 10, 1999 15:15 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWswire

WORD COUNT: 3,145

...Windows Network Security Architecture.

BioLogon 2.0 reduces administrative costs from forgotten passwords, offers data \*encryption\* with BioSafe, simplifies application access with BioShield, and enables secure PC or network logon using...

...products provide support for ATM, POS network switches, smart-card (electronic purse and smart debit/\*credit\*), \*card\* management, bank teller platform, home banking and call-centre solutions. IFS subsidiary NCI Inc. provides...licensing, and marketing Smart card applications and related database management system and services.

Leapfrog Smart \*Products\* was recently \*selected\* by Intele-Card News as one of the "Top 10 Card Companies to Watch in..."

...be made daily to customers worldwide.

Private labeling is available and we accept payments by \*credit\* \*card\*. MagnaColor ribbons have a 25% more durable overlay and reduce dye migration by 33 percent...

...an improvement of security in magnetic cards. Data can be easily written with conventional HiCo \*encoders\*, and, once written, the data becomes virtually impossible to be rewritten by another data.

3...

...INDUSTRY NAMES: \*CREDIT\* \*CARDS\*;

19/3,K/8 (Item 8 from file: 610)

DIALOG(R) File 610:Business Wire

(c) 2003 Business Wire. All rts. reserv.

00039741 19990504124B0198 (USE FORMAT 7 FOR FULLTEXT)

ProCart Provides Smart, Secure Online Transaction Processing That Equals Money in the Bank for e-stores

Business Wire

Tuesday, May 4, 1999 11:29 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWswire

WORD COUNT: 1,406

TEXT:

...use e-commerce solution that enables merchants to set up e-stores and begin accepting \*credit\* \*cards\* within 24 hours.

...driven e-commerce system, ProCart allows merchants to quickly implement an e-store that accepts \*credit\* \*cards\* and e-checks, while requiring only one line of code on the Web site. Rigney...

...to Finish

ProCart provides an integrated shopping cart that keeps track of a shopper's \*selected\* \*items\* through the checkout process. An inventory management system lets shoppers know if the product is...

...in the Bank

ProCart processes transactions online in real time. When a shopper provides their \*credit\* \*card\* information to purchase a product, ProCart security captures, authorizes and settles the transaction, depositing funds...

... encrypts all financial data, transactions are safe. ProCart uses the Internet standard for Web transaction \*encryption\*, the Secure Sockets Layer (SSL) protocol. Its proprietary CardSentry(TM) module, available on ProCart Deluxe...

... lower and may indicate possible fraud.

Since ProCart's payment processing infrastructure connects to the \*credit\* \*card\* processing networks via either CyberCash or ICVerify, all \*credit\* \*card\* numbers stay on the secure server. No \*credit\* \*card\* numbers are emailed. ProCart can also be set up to enable e-store employees to process returns or further payments without viewing the entire \*credit\* \*card\* number.

"ProCart is designed so that no one except the e-store owner has access to the customer's full \*credit\* \*card\* number, thus maintaining the maximum possible customer confidentiality and \*credit\* \*card\* security, even exceeding that of traditional mail order," Rigney explained.

Unlimited Number of Items can...

19/3, K/9 (Item 9 from file: 610)  
DIALOG(R)File 610:Business Wire  
(c) 2003 Business Wire. All rts. reserv.

00032481 19990420110B0294 (USE FORMAT 7 FOR FULLTEXT)  
**CBQ Acquires Priority One**  
Business Wire  
Tuesday, April 20, 1999 12:21 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWswire  
WORD COUNT: 1,088

... collections. Bill Collect is a high-tech, automated system handling electronic funds transfers (ETF) and \*credit\* \*card\* payments for Internet e-commerce businesses and traditional sales companies. Priority One is a three...

... to electronically collect and disburse payment in the form of electronic funds transfers (EFT) and \*credit\* \*cards\*.

Priority One's flagship service, Bill Collect, enables businesses to collect their receivables electronically, via...

... Collect system can be fully integrated with the retailer's software so that information on \*credit\* \*card\* charges and EFT authorizations can be combined in the same batch transaction and uploaded directly...

... to enable the exchange of secure data transactions, via the Internet, without the need for \*encryption\*.

CBQ's foothold in the fast growing area of business-to-business, e-commerce is...

...market activity. When a "bid" and "ask" match, the transaction is electronically completed, and the \*product\* is \*ordered\* and shipped to the buyer with instant notification to all parties.

For more information about...

19/3, K/10 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0532071 BW0074

**COMDEX EXHIBITORS 3: COMDEX/Exhibitor Previews I through M**

November 07, 1995

Byline: Business Editors/Computer Writers

...will showcase a newly released Windows version of its highly popular PC Point-of-Sale \*credit\* \*card\* authorization software at COMDEX '95. ICVERIFY's credit/debit authorization software is a key component...

...faxes when requested by the PC.

Smart Code is being offered as a technology to \*encode\* large quantities of data (pictures, fingerprints, etc.) in small areas (\*credit\* \*cards\*, business cards, etc.).

\*Products\* can be \*ordered\* via the Internet or 1-800-966-1140.

\*\*\*\*\*  
Company Name: Infotel Distributing  
Booth No.: LN107...tools that control, protect & simplify the Windows 95 desktop (WinShield), to the military-grade data \*encryption\* of FolderBolt(TM) for Windows. AND for the Macintosh, Kent\*Marsh continues to publish the...

...GesmbH: produces any kind of products based on printing on plastic e.g. plastic cards, \*credit\* \*cards\*, mouse pads, posters for advertisements.

DIGICARD GesmbH: produces systems for the personalisation of plastic cards...

19/3, K/11 (Item 1 from file: 476)  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2003 Financial Times Ltd. All rts. reserv.

0010563272 ACxxxxxx0307

**SURVEY - LIFE ON THE NET : SMALL BUSINESS: Security**  
The Financial Times, Surveys ED, P 1  
Wednesday, September 6, 2000  
DOCUMENT TYPE: NEWSPAPER; Surveys LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
Word Count: 1,407

...While hard evidence to back up claims of rising fraud is hard to find,

the \*credit\* \*card\* companies Visa and Mastercard argue that there has certainly been an increase in the number...

...despite expressly cancelling.

Ernst & Young, the professional services firm, estimates that one in six internet \*purchases\* \*ordered\* in the US in the run-up to Christmas 1998 never actually arrived. Incompetent fulfilment...

...websites.

There are many reasons to believe that the internet is more secure than giving \*credit\* \*card\* details over the telephone or handing a card over to a restaurant or shop. First...

...will be vulnerable to "card not present" fraud from someone who has either stolen a \*credit\* \*card\* or simply the number.

Above a minimum charge, customers are legally entitled to a refund...

...above a certain level, then a merchant may lose his or her ability to process \*credit\* \*card\* transactions online.

Over-cautious banks

Most of the high street banks demand separate procedures for...

...behalf of the e-commerce website, using large computer servers protected by high levels of \*encryption\* and a firewall (a system set up to control access to corporate files). When a...

...the major high street banks are likely to roll out products in this field.

Although \*credit\* \*cards\* are the dominant \*payment\* \*method\* on the internet, alternatives are starting to appear. Global Internet Billing ([www.chargit.com](http://www.chargit.com)) is...year, each costing between #20,000 and #100,000. This is indefensible, as the simplest \*encryption\* software (known as Pretty Good Privacy) for e-mail can be downloaded free from [www...](http://www...)

19/3, K/12 (Item 1 from file: 20)  
DIALOG(R) File 20: Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

30415862 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Q2 2003 Guitar Center Earnings Conference Call - Part 2  
FAIR DISCLOSURE WIRE  
July 09, 2003  
JOURNAL CODE: WFDW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 4789

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... but what we're finding in the fill rate is the average - the average back-\*ordered\* \*items\* are much lower dollars, so our total dollars on back-order is in a considerably...ve been offering free freight on the Internet and we've brought that into our \*catalogue\* mix on \*orders\* over \$299, and that's really helped us drive the additional comps with the catalogue...Household, because the rates are so low out there, our provider of our private label \*credit\* \*card\* has most recently, in the last short period of time, enabled us to offer 90...a very aggressive and they're a

show files  
File 15:ABI/Inform(R) 1971-2003/Nov 08  
      (c) 2003 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2003/Nov 07  
      (c) 2003 Resp. DB Svcs.  
File 275:Gale Group Computer DB(TM) 1983-2003/Nov 07  
      (c) 2003 The Gale Group  
File 621:Gale Group New Prod.Annou. (R) 1985-2003/Nov 10  
      (c) 2003 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2003/Nov 07  
      (c) 2003 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2003/Nov 07  
      (c) 2003 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
      (c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2003/Nov 10  
      (c) 2003 The Gale Group  
? ds

Set	Items	Description
S1	141647	(DIGITAL OR ELECTRONIC) (3N) (DOCUMENT? ? OR FORM? ? OR ORDERFORM OR CONTRACT? ?)
S2	116992	HEADER? OR (FIRST OR TOP) () (PORTION OR SECTION OR PART)
S3	41149	(MIDDLE OR SECOND) () (PORTION OR SECTION OR PART)
S4	15597	(THIRD OR LAST OR FINAL) () (PORTION OR PART)
S5	361969	METHOD(3N) (PAYMENT) OR CREDITCARD OR CREDIT()CARD
S6	72078	(ITEM OR ITEMS OR PRODUCT OR PRODUCTS OR PURCHASES) (3N) (ORDERED OR SELECTED)
S7	18051	ORDER() FORM? ?
S8	28157	(ELECTRONIC? OR DIGITAL?) (3N) (SIGNATURE OR APPROVAL?)
S9	1864	E()SIGNATURE OR ESIGNATURE
S10	339976	CRYPTOGRAPHIC OR ENCRYPTION OR EN() (CRYPT? OR COD? OR CIPHER? OR CYPHER?) OR SCRAMBLE? OR ENCRYPT OR ENCOD? OR ENC?PHER
S11	16500834	AUTHENTICAT? OR PROV? OR AUTHOR? OR APPROV? OR ALLOW? OR ACCEPT? OR VALIDAT? OR CONFIRM? OR VERIF? OR ACKNOWLEDG? OR CERTIFY OR ATTESTS OR CERTIFIES OR ATTEST
S12	54937	CATALOG? (3N) (FORM OR FORMS OR ORDER?)
S13	32267	(THREE OR MULTIPLE) () (PART OR PARTS)
S14	2678	MULTI() PART
S15	4184967	FORM OR FORMS OR DOCUMENT? OR ORDERFORM?
S16	530	(DIGITAL? OR ELECTRONIC?) (3N) (ORDER() FORM? ? OR ORDERFORM?)
S17	326	RD (unique items)
S18	243	S17 NOT PD=19990709:20031110
S19	8	S18 AND (S2 OR S3 OR S4)
S20	153241	CREDIT()CARDS OR CREDITCARDS
S21	1	S18 AND S5 AND S6 AND (S8 OR S9 OR S10 OR S11)
S22	1	S18 AND S5 AND (S8 OR S9) AND (S10 OR S11)
S23	213	S18 AND (S5 OR S6 OR S8 OR S9 OR S10 OR S11)
S24	2	S18 AND (S13 OR S14)
S25	4	S16/DE, TI
S26	2	S18 AND (S8 OR S9)
S27	52	S18 AND (S20 OR S5)
S28	48	S27 AND S11
	?	

S19 8 S18 AND (S2 OR S3 OR S4)  
? t 19/3, k/all

19/3, K/1 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01731137 03-82127  
**Merchandising tips for the Web**  
Harris, Kellee  
Sporting Goods Business v31n17 PP: 14-15 Nov 6, 1998  
ISSN: 0146-0889 JRNL CODE: SGB  
WORD COUNT: 1032

Y-  
...ABSTRACT: elements can become your signage in the same way a sporting goods store uses department \*header\* signs, ceiling banners, and aisle markets to point the way. Just as the home page...  
...TEXT: elements can become your "signage" in the same way a sporting goods store uses department \*header\* signs, ceiling banners and aisle markers to point the way.

The Overton's site strategically...

... include with a mail-in catalog order), as well as honoring printed coupons via its \*electronic\* \*order\* \*form\* located on the site (fill in on-line order form with codes listed on printed...)

19/3, K/2 (Item 2 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01034291 96-83684  
**Active Mail: Empowering email applications**  
Freed, Ned  
Computer Technology Review v15n4 PP: 7-8 Apr 1995  
ISSN: 0278-9647 JRNL CODE: CTN  
WORD COUNT: 1140

...ABSTRACT: packaged as an e-mail message, an ideal way to support interactive applications such as \*electronic\* \*order\* \*forms\*. Safe Tool Command Language, which was jointly developed by Nathaniel Borenstein of First Virtual Holdings...

...TEXT: be packaged as an email message, an ideal way to support interactive applications such as \*electronic\* \*order\* \*forms\*.

Active Mail could prove to be a godsend, providing an easy way to handle bug...

... solely on data in the envelope for delivery. The email message itself usually consists of "\*headers\*," which, provide the control information and the "body," which is the actual message.

So to...

... interacts with the message without actually processing it. For example, the UA could read the \*header\* information and then automatically file the message without opening it. Receipt-time applications are usually...

... MIME-compatible message. There are at least two sub-parts to such a message. The \*first\* \*part\* can have any kind of MIME-compatible message,

including another multipart MIME message. The \*second\* \*part\* of the message contains the Safe-TCL application script. Using this model, a Safe-TCL...

19/3,K/3 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02077148 SUPPLIER NUMBER: 19528610 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Portable pages: there's still a role for digital paper. (five portable document software products; Tumbleweed Software's Posta, file transfer software) (Product Announcement)  
Seybold Report on Internet Publishing, v1, n9, p19(5)  
May, 1997  
DOCUMENT TYPE: Product Announcement LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 4007 LINE COUNT: 00314

... documents from a list of files; Repaginator, which lets you layer your own folios or \*header\* and footer information on top of the pdf pages; InfoFill, which populates the General Information...identified all of the part numbers throughout the electronic book and linked them to an \*electronic\* \*order\* \*form\*. (The resulting document has 180,000 links.) By identifying the part numbers within the pages...

19/3,K/4 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01514446 SUPPLIER NUMBER: 12165666 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Minigrams.  
Computergram International, CGI05190022  
May 19, 1992  
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2555 LINE COUNT: 00212

... medium: the Toolkit is source code library consisting of the Application Showcase, RADInstaller, InfoPanel, and \*Electronic\* \*Order\* \*Form\*, which is designed to enable software developers to create user-friendly CD-ROMs showcasing multi...compile and link with Clipper 5.0 to yield a distributable, executable file; a custom \*header\* file that contains dBase IV command definitions and instructions for compiling them; and a user...

19/3,K/5 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04077372 Supplier Number: 53633946 (USE FORMAT 7 FOR FULLTEXT)  
CyberPR Cutting The Spam Out Of Your Diet With Email Filters.  
Interactive PR & Marketing News, v6, n2, pNA  
Jan 22, 1999  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Professional  
Word Count: 816

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

Karen Lehman EIC 3600 10-Nov-03

...contain your name, transfer that mail to the folder called "Bulk Mail." Simply substitute the \*first\* \*part\* of your email address (the part before the @ sign) for "myname" in the above example...

...to send many common documents: contest rules, store locations, tour schedules, inventories, product support files, \*electronic\* coupons, \*order\* \*forms\* and any other document (including graphics, video, audio, software, etc.). Setting-up autoresponder filters can...

19/3,K/6 (Item 2 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

04027190 Supplier Number: 53335707 (USE FORMAT 7 FOR FULLTEXT)  
Simple Software Commands Allow Users to Tame Unwanted Email.

PR News, v54, n47, pNA  
Nov 30, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1015

... contain your name, transfer that mail to the folder called "Bulk Mail." Simply substitute the \*first\* \*part\* of your email address (the part before the @ sign) for "myname" in the above example...

...common documents:  
contest rules, store locations, street directions, tour schedules, inventory lists, product support files, \*electronic\* coupons, \*order\* \*forms\*, giveaway files used in promotions and any other document you can think of (including graphics...)

19/3,K/7 (Item 3 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02502136 Supplier Number: 45027640 (USE FORMAT 7 FOR FULLTEXT)  
A degree in excellence  
Publishing Technology Review, v1, n10, pN/A  
Oct, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Refereed; Trade  
Word Count: 3233

... is being overseen by Rod Mulvey, the Director of TAG. They are already providing SGML '\*headers\*' for a number of their journal customers but this is not yet a fully integrated...The gopher service includes a number of different elements, including a complete catalogue and an \*electronic\* \*order\* \*form\* (which users can download and print for subsequent transmission by mail, fax or e-mail...Tales alongside both monochrome and colour images of both manuscripts and early printed editions.

The \*first\* \*part\* of this project will see the publication of the Wife of Bath's Prologue, due...

19/3,K/8 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

APR 7/9/99

8/350452

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File 35:Dissertation Abs Online 1861-2003/Oct  
      (c) 2003 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
      (c) 2002 The Gale Group  
File 65:Inside Conferences 1993-2003/Nov W1  
      (c) 2003 BLDSC all rts. reserv.  
File 2:INSPEC 1969-2003/Oct W4  
      (c) 2003 Institution of Electrical Engineers  
File 144:Pascal 1973-2003/Oct W4  
      (c) 2003 INIST/CNRS  
File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
      (c) 2003, EBSCO Pub.  
File 474:New York Times Abs 1969-2003/Nov 05  
      (c) 2003 The New York Times  
File 475:Wall Street Journal Abs 1973-2003/Nov 05  
      (c) 2003 The New York Times  
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep  
      (c) 2003 The HW Wilson Co.  
? ds

Set	Items	Description
S1	20418	(DIGITAL OR ELECTRONIC) (3N) (DOCUMENT? ? OR FORM? ? OR ORDERFORM OR CONTRACT? ?)
S2	42149	HEADER? OR (FIRST OR TOP) () (PORTION OR SECTION OR PART)
S3	37834	(MIDDLE OR SECOND) () (PORTION OR SECTION OR PART)
S4	11223	(THIRD OR LAST OR FINAL) () (PORTION OR PART)
S5	25195	METHOD(3N) (PAYMENT) OR CREDITCARD OR CREDIT()CARD
S6	4511	(ITEM OR ITEMS OR PRODUCT OR PRODUCTS OR PURCHASES) (3N) (ORDERED OR SELECTED)
S7	784	ORDER() FORM? ?
S8	2900	(ELECTRONIC? OR DIGITAL?) (3N) (SIGNATURE OR APPROVAL?)
S9	54	E()SIGNATURE OR ESIGNATURE
S10	179901	CRYPTOGRAPHIC OR ENCRYPTION OR EN() (CRYPT? OR COD? OR CIPHER? OR CYPHER?) OR SCRAMBLE? OR ENCRYPT OR ENCOD? OR ENC?PHER
S11	5810174	AUTHENTICAT? OR PROV? OR AUTHOR? OR APPROV? OR ALLOW? OR ACCEPT? OR VALIDAT? OR CONFIRM? OR VERIF? OR ACKNOWLEDG? OR CERTIFY OR ATTESTS OR CERTIFIES OR ATTEST
S12	2068	CATALOG?(3N) (FORM OR FORMS OR ORDER?)
S13	11480	(THREE OR MULTIPLE) () (PART OR PARTS)
S14	298	MULTI()PART
S15	1591581	FORM OR FORMS OR DOCUMENT? OR ORDERFORM?
S16	0	AU='BROTHERS LAURANCE RAPHAEL'
S17	0	S16 AND CATALOG?
S18	4	S1(2S) (S13 OR S14) (4N)S15
S19	3	S1(2S)S2(2S)S3(2S)S4
S20	0	S19 AND IC=G06F?
S21	687	S10 AND (S8 OR S9)
S22	0	S19 AND (S8 OR S9)
S23	0	S1 AND S7 AND (S8 OR S9) AND S5 AND S5
S24	360	S1 AND (S7 OR S8 OR S9 OR S5)
S25	3	S1 AND (S13 OR S14) (3N)S15
S26	0	S1 AND S5 AND S6 AND (S8 OR S9)
S27	46	S1 AND S12
S28	0	S27 AND (S5 OR S6 OR S8 OR S9)
S29	0	S27 AND S10 AND S11
S30	19	S27 AND (S10 OR S11)
S31	18	S30 NOT CY=2000:2003
S32	8272	DIGITAL?(4N) (FORM OR FORMS OR CONTRACT? OR ORDERFORM OR DOCUMENT? ?)
S33	1	S32(7N) (S13 OR S14)

S34            0    S32 AND S5 AND S6 AND (S8 OR S9)  
S35            0    S34 AND (S2 OR S3 OR S4)  
?

18/7/all

18/7/1 (Item 1 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02187839 INSPEC Abstract Number: C84009435

Title: **Text structuring**

Author(s): Smith, J.M.

Author Affiliation: Nat. Computing Center Ltd., Manchester, UK

Journal: Data Processing vol.25, no.8 p.18-20

Publication Date: Oct. 1983 Country of Publication: UK

CODEN: DPROAT ISSN: 0011-684X

U.S. Copyright Clearance Center Code: 0011-684X/83/080018-03\$03.00

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: With the growth in usage of \*electronic\* mail facilities, \*document\* standards are becoming more important. The paper describes work currently being undertaken by various standards bodies in the area of text structure. The purpose of the standard is to define a methodology to describe a generalized text structure. Work is being carried out on \*three\* \*parts\* of the standard: office \*document\* architecture, office document interchange format, and document description. (0 Refs)

Subfile: C

A 18/7/2 (Item 1 from file: 233)  
DIALOG(R) File 233:Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00429482 96DT07-013

Maximize document management control -- The possibilities for information use and reuse are virtually unlimited with compound document managers

Frappaolo, Carl

DATA BASED ADVISOR , July 1, 1996 , v14 n7 p108-110, 2 Page(s)

ISSN: 0740-5200

Presents the third of a \*three\*-\*part\* series on \*electronic\* \*document\* management, noting that compound document managers (CDMs) introduce the concepts of virtual documents, self-editing documents, and self-creating documents. Emphasizes that a CDM system must provide a high level of control and data integrity, and explains how the deployment of CDMs can allow the document management process to become integrated with the underlying business process. Claims that the key to using a CDM, as opposed to a library manager or file manager, is the need for flexibility and reuse, noting that the power and distinction of this type of document management products is their ability to track relationships that are inter- and intra-document-oriented. Indicates that it is important to consider the supported approach to the compound document itself, considering that many products are restricted to a particular approach. Includes a list of vendors. (jo)

18/7/3 (Item 2 from file: 233)  
DIALOG(R) File 233:Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00424381 96DT05-007

The file manager as the optimal document database -- Find out when a file manager is the best toolset match to your document collection

Frappaolo, Carl

DATA BASED ADVISOR , May 1, 1996 , v14 n5 p48-49, 2 Page(s)

ISSN: 0740-5200

The first of a \*three--\*part\* series on \*electronic\* \*document\* management discusses the capabilities of file managers in database management applications. Says file managers should be used in situations that requires enhancing the OS and/or the introduction of a unique file type to the system. Adds that these tools provide basic storage and retrieval mechanisms, facilitates directory searching, and broadens the type of data that can be stored. Notes that the role of file manager will decrease as OSes become more powerful and images become a commodity. Includes a product resource guide. (dpm)

18/7/4 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00253354 91PI11-201

**Star Micronics NX-1020 Rainbow**

Brown, Bruce

PC Magazine , November 26, 1991 , v10 n20 p472-477, 5 Page(s)

ISSN: 0888-8507

Company Name: Star Micronics America

Product Name: Star Micronics NX-1020 Rainbow

Presents a favorable review of the Star Micronics NX-1020 Rainbow (\$299), a narrow-carriage, 9-pin dot matrix color printer from Star Micronics America Inc., New York, NY (800, 212). The printer provides Epson EX and FX and IBM Proprinter emulation, and includes four NLQ resident fonts. It supports automatic paper loading, has a built-in push/pull tractor, and allows bottom feeding of paper, to facilitate handling \*multi\*-part \*forms\*. It includes an \*Electronic\* Dip Switch menu for selecting and setting printer parameters and defaults. In testing, it achieved a speed of 96 cps in draft mode and 34 cps in NLQ mode. Draft mode speed is rated at 150 cps and high-speed draft mode, rated at 200, produced only a slight speed increase over draft mode in testing. Includes one photo, one graph. (djd)

?

19/7/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6286192 INSPEC Abstract Number: A1999-15-8630F-015, B1999-08-8410E-015

**Title: Electronic-network modelling of rechargeable NiCd cells and its application to the design of battery management systems**

Author(s): Bergveld, H.J.; Kruijt, W.S.; Notten, P.H.L.

Author Affiliation: Philips Res. Lab., Eindhoven, Netherlands

Journal: Journal of Power Sources vol.77, no.2 p.143-58

Publisher: Elsevier,

Publication Date: 1 Feb. 1999 Country of Publication: Switzerland

CODEN: JPSODZ ISSN: 0378-7753

SICI: 0378-7753(19990201)77:2L.143:ENMR;1-X

Material Identity Number: J276-1999-003

U.S. Copyright Clearance Center Code: 0378-7753/99/\$19.00

Document Number: S0378-7753(98)00188-8

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

**Abstract:** In the \*first\* \*part\* of this paper, the development of a simulation model for a sealed rechargeable NiCd cell is described. Based on the concept of this cell type, a mathematical description of the various physical and electrochemical processes occurring inside the cell can be given. Subsequently, these equations are introduced in the \*form\* of \*electronic\* components into an electronic-circuit simulator. This enables the user to simulate the most important cell characteristics like voltage, temperature and internal gas pressure simultaneously and coherently under a wide variety of charging, discharging and open-circuit conditions. The construction of the model enables the user to investigate the course of each of the various reactions taking place inside the cell. Moreover, the electrical and thermal interaction with the surrounding electronics attached to the cell and with other cells, e.g., in a battery pack, can also be simulated. In the \*second\* \*part\* of this paper, some examples of simulations of cell characteristics are presented. The results of the simulated phenomena show good qualitative agreement with measured cell characteristics. An understanding of phenomena such as charge efficiency, self-discharge and overdischarge is presented using the model. Simulation of battery behaviour in an electronic system enables a system designer to design the optimal battery management system around the battery. In the \*third\* \*part\* of this paper, an example of applying the model in an electronic system is given, i.e., a shaver. Also, simulations of several cells connected in series forming a battery or battery pack are described.

(34 Refs)

Subfile: A B

Copyright 1999, IEE

19/7/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6120248 INSPEC Abstract Number: A1999-03-9420-058

**Title: A prospective ionospheric index of neutral thermospheric composition**

Author(s): Wright, J.W.; Conkright, R.O.

Journal: Advances in Space Research Conference Title: Adv. Space Res. (UK) vol.22, no.6 p.899-902

Publisher: Elsevier,

Publication Date: Oct. 1998 Country of Publication: UK

CODEN: ASRSDW ISSN: 0273-1177

SICI: 0273-1177(199810)22:6L.899:PIIN;1-#  
Material Identity Number: B949-1998-018  
U.S. Copyright Clearance Center Code: 0273-1177/98/\$19.00+0.00  
Conference Title: IRI 1997 Symposium: New Developments in Ionospheric  
Modelling and Prediction  
Conference Sponsor: COSPAR  
Conference Date: 27-30 May 1997 Conference Location: Kuhlungsborn,  
Germany  
Language: English Document Type: Conference Paper (PA); Journal Paper  
(JP)  
Treatment: Experimental (X)  
Abstract: The ratio  $[O]/[N_2]$  is known to vary with season and latitude, creating some of the main climatological features of the F-region; storm-time responses are likewise linked to large-scale, slowly-varying, moving perturbations of the ratio. We develop an index based on the rate of change of  $foF2^{sup 2}$  during sunrise (Wright, 1963) which may have promise as an indicator of  $[O]/[N_2]$ . The index is easily defined from  $foF2^{sup 2}$  ( $\cos \chi$ ) using a few hours' ionosonde observations near sunrise each day, extrapolated to the value of  $foF2$  implied for an overhead sun ( $\chi = 0$ ). Electron content (TEC) data could be used in the same way. Only the \*first\* \*part\* of our study is reported here. It devises the index in a \*form\* suitable to modern \*digital\* ionosondes. A \*second\* \*part\* will derive the index for some 50 years of ionogram data which are now available in \*digital\* \*form\*. In a \*last\* \*part\*, we intend to test the historical index against available satellite measurements of  $[O]/[N_2]$ . (7 Refs)  
Subfile: A  
Copyright 1999, FIZ Karlsruhe

19/7/3 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
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14012157 PASCAL No.: 99-0199838  
Electronic-network modelling of rechargeable NiCd cells and its  
application to the design of battery management systems  
BERGVELD H J; KRUIJT W S; NOTTEN P H L  
Philips Research Laboratories WAY51, Prof. Holstlaan 4, 5656AA Eindhoven,  
Netherlands  
Journal: Journal of power sources, 1999, 77 (2) 143-158  
ISSN: 0378-7753 CODEN: JPSODZ Availability: INIST-17113;  
354000073881930060  
No. of Refs.: 34 ref.  
Document Type: P (Serial) ; A (Analytic)  
Country of Publication: Switzerland  
Language: English  
In the \*first\* \*part\* of this paper, the development of a simulation model for a sealed rechargeable NiCd cell is described. Based on the concept of this cell type, a mathematical description of the various physical and electrochemical processes occurring inside the cell can be given. Subsequently, these equations are introduced in the \*form\* of \*electronic\* components into an electronic-circuit simulator. This enables the user to simulate the most important cell characteristics like voltage, temperature and internal gas pressure simultaneously and coherently under a wide variety of charging, discharging and open-circuit conditions. The construction of the model enables the user to investigate the course of each of the various reactions taking place inside the cell. Moreover, the electrical and thermal interaction with the surrounding electronics attached to the cell and with other cells, e.g., in a battery pack, can also be simulated. In the \*second\* \*part\* of this paper, some examples of simulations of cell characteristics are presented. The results of the

simulated phenomena show good qualitative agreement with measured cell characteristics. An understanding of phenomena such as charge efficiency, self-discharge and overdischarge is presented using the model. Simulation of battery behaviour in an electronic system enables a system designer to design the optimal Battery Management System around the battery. In the \*third\* \*part\* of this paper, an example of applying the model in an electronic system is given, i.e., a shaver. Also, simulations of several cells connected in series forming a battery or battery pack are described.

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25/3, k/all

**25/3, K/1 (Item 1 from file: 233)**  
DIALOG(R) File 233: Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00429482 96DT07-013

Maximize document management control -- The possibilities for information use and reuse are virtually unlimited with compound document managers

Frappaolo, Carl

DATA BASED ADVISOR , July 1, 1996 , v14 n7 p108-110, 2 Page(s)  
ISSN: 0740-5200

Presents the third of a \*three\*\*-part\* series on \*electronic\* \*document\* management, noting that compound document managers (CDMs) introduce the concepts of virtual documents, self-editing...

**25/3, K/2 (Item 2 from file: 233)**  
DIALOG(R) File 233: Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00424381 96DT05-007

The file manager as the optimal document database -- Find out when a file manager is the best toolset match to your document collection

Frappaolo, Carl

DATA BASED ADVISOR , May 1, 1996 , v14 n5 p48-49, 2 Page(s)  
ISSN: 0740-5200

The first of a \*three\*\*-part\* series on \*electronic\* \*document\* management discusses the capabilities of file managers in database management applications. Says file managers should...

**25/3, K/3 (Item 3 from file: 233)**  
DIALOG(R) File 233: Internet & Personal Comp. Abs.  
(c) 2003, EBSCO Pub. All rts. reserv.

00253354 91PI11-201

Star Micronics NX-1020 Rainbow

Brown, Bruce

PC Magazine , November 26, 1991 , v10 n20 p472-477, 5 Page(s)

ISSN: 0888-8507

Company Name: Star Micronics America

Product Name: Star Micronics NX-1020 Rainbow

... a built-in push/pull tractor, and allows bottom feeding of paper, to facilitate handling \*multi\*-part \*forms\*. It includes an \*Electronic\* Dip Switch menu for selecting and setting printer parameters and defaults. In testing, it achieved...  
?

31/7/1 (Item 1 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

09451647

Les chefs cuisiniers d'Ascoger commandent leurs produits frais en li\ FRANCE: ON-LINE ORDERS FOR ASCOGER

01 Informatique (ZH) 26 Jan 2001 p.20

Language: FRENCH

Ascoger, the company food service \*provider\*, has subsidiarised its purchasing group activity and set up an Internet site enabling the chief cooks in its 30 establishments to place orders for chilled meat and seafood products. The chefs can consult the on-line \*catalogue\* and place their \*orders\* at any time. The on-line service generates an order preparation form and a pro-\*forma\* invoice. Sage, the \*electronic\* publisher designed the site for a cost of FFr 350,000, and an annual operating cost of FFr 18,000. Ascoger receives a commission on the orders in order to cover its costs, and now makes a 6% net margin from this activity. In the short term, Ascoger plans to offer this service to independent company restaurants and to extend its offer to all fresh produce such as vegetable, dairy products, and fruit.

31/7/2 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6915081 INSPEC Abstract Number: C2001-06-7240-009

Title: **Introduction of Dublin Core metadata**

Author(s): Watanabe, K.

Author Affiliation: Nagoya American Center, Aichi, Japan

Journal: Journal of Information Processing and Management vol.43, no.11 p.976-88

Publisher: Japan Science and Technology Corp,

Publication Date: Feb. 2001 Country of Publication: Japan

CODEN: JOKAAB ISSN: 0021-7298

SICI: 0021-7298(200102)43:11L.976:IDCM;1-T

Material Identity Number: G321-2001-004

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: In an HTML document, there are paragraph elements (represented by `<p></p>`), text formatting elements such as bold (represented by `<b></b>`), and the element itself (represented by `<html></html>`). All of these kinds of elements define the appearance and layout of a document when it is rendered by Web browser software. The meta element, on the other hand, is used to define the content of a document. In the use of a basic card catalog, we can search by \*author\*, title, and subject. Online public access catalogs (OPACs) give us very precise access to information by \*allowing\* us to search by date, keyword, and series, as well as the \*author\*-title-subject access points of the traditional card catalog. In order to create this sort of precise access to Web-based documents, a new standard has been developed to \*allow\* the cataloging of digital information. This new standard is the Dublin Core Initiative. The \*author\* explains the 15 elements Dublin Core defines for recording information about the content of \*digital\* \*documents\*. (14 Refs)

Subfile: C

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31/7/3 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6412244 INSPEC Abstract Number: C2000-01-7240-006

**Title: Branching out: cataloging skills and functions in the Digital Age**

Author(s): Wendler, R.

Author Affiliation: Office for Inf. Syst., Harvard Univ. Libr., Cambridge, MA, USA

Journal: Journal of Internet Cataloging Conference Title: J. Internet Cat. (USA) vol.2, no.1 p.43-54

Publisher: Haworth Press,

Publication Date: 1999 Country of Publication: USA

CODEN: JICTFP ISSN: 1091-1367

SICI: 1091-1367(1999)2:1L.43:BCSF;1-G

Material Identity Number: H239-1999-004

Conference Title: 16th Colloquium on Library Science Research. Internet, Metadata and Information Access to Libraries and Networks in the Electronic Age

Conference Date: 5-7 Aug. 1998 Conference Location: Mexico City, Mexico

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Librarians create metadata, including \*cataloging\*, in \*order\* to manage and \*provide\* access to collections. Two recent technological developments, the explosion in electronic publishing and the conversion of metadata which was previously unavailable online into machine-readable form, are \*providing\* challenges to cataloging. Disparate types of resources, such as images and museum objects, archives and library collections in print and \*electronic\* \*form\*, must be brought together in a coherent information environment. While catalogers exclusively cannot do these tasks, they and their skills are essential to bring order out of the chaos of the many different access systems. (11 Refs)

Subfile: C

Copyright 1999, IEE

31/7/4 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

6156059 INSPEC Abstract Number: A1999-06-9585-001

**Title: A Deep Multicolor Survey. IV. The electronic stellar catalog**

Author(s): Osmer, P.S.; Kennefick, J.D.; Hall, P.B.; Green, R.F.

Author Affiliation: Dept. of Astron., Ohio State Univ., Columbus, OH, USA

Journal: Astrophysical Journal Supplement Series vol.119, no.2 p. 189-96

Publisher: University of Chicago Press for American Astron. Soc,

Publication Date: Dec. 1998 Country of Publication: USA

CODEN: APJSA2 ISSN: 0067-0049

SICI: 0067-0049(199812)119:2L.189:DMSE;1-4

Material Identity Number: A362-1999-001

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

Abstract: For pt.III see Astron. J., vol.114, no.6, p.2269-75 (1997). The \*authors\* make available in \*electronic\* \*form\* the stellar \*catalog\* of 19494 objects from the Deep Multicolor Survey (DMS). The DMS is based on CCD imaging with the Mayall 4 m telescope in U, B, V, R', I<sub>75</sub>, and I<sub>86</sub> and covers 0.83 deg<sup>2</sup> in six fields at high Galactic latitude. The survey reached 5 sigma limiting magnitudes of 22.1 in I<sub>86</sub> to 23.8 in B. The

catalog gives positions, magnitudes and error estimates, and classification codes in the six filter bands for all the objects. The \*authors\* present tables that summarize the spectroscopic results for the 55 quasars, 44 compact narrow emission-line galaxies, and 135 stars in the DMS that they have \*confirmed\* to date. They also make available illustrations of all the spectra. The catalog and spectra can be obtained from the World Wide Web.

(4 Refs)

Subfile: A

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31/7/5 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5779618 INSPEC Abstract Number: C9801-7210L-046

Title: **Metadata in the light of knowledge organization**

Author(s): Munkebyaune, A.

Journal: Tidskrift for Dokumentation vol.52, no.3-4 p.109-16

Publisher: Tekniska Litteratursällskapet,

Publication Date: 1997 Country of Publication: Sweden

CODEN: TDDKA5 ISSN: 0040-6872

SICI: 0040-6872(1997)52:3/4L.109:MLKO;1-Q

Material Identity Number: T148-97002

Language: Swedish Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: In traditional knowledge organization, the catalog and the cataloging rules of libraries have played an important role. The rules have to a great extent followed the catalog and its physical conditions from coder to the \*electronic\* \*form\*. The card \*catalog\* was an innovative device which opened new possibilities in organizing knowledge. Historically the driving force for the development of knowledge organization has been the world of information. The more documents, the more evolved the rules had to be. In the new world of information, the World Wide Web, some have come to the conclusion that \*authors\* must add metadata to their own documents and thus save cataloging time in the libraries. Dublin Core is such a metadata system. What will be the results of metadata? First: the structure of hypertext documents is confusing, even to the \*authors\* themselves. Second: \*authors\* and information searchers (represented by librarians) have opposite interests in metadata. The \*authors\* want as many as possible to find their documents. The information searchers want precise and comprehensive hits. In the information flow of the WWW precision is possibly more important than ever. (20 Refs)

Subfile: C

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31/7/6 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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5769634 INSPEC Abstract Number: C9801-7240-019

Title: **Cataloguing in cyberspace: the challenges of \*electronic\* \*documents\***

Author(s): Panchyshyn, R.S.; Bouthillier, F.

Author Affiliation: Graduate Sch. of Libr. & Inf. Studies, McGill Univ., Montreal, Que., Canada

Journal: Documentation et Bibliotheques vol.43, no.3 p.137-47

Publisher: Documentation & Bibliotheques,

Publication Date: July-Sept. 1997 Country of Publication: Canada

CODEN: DCBBBO ISSN: 0315-2340

SICI: 0315-2340(199707/09)43:3L.137:CCCE;1-2  
Material Identity Number: D045-97004  
Language: French Document Type: Journal Paper (JP)  
Treatment: Bibliography (B); Practical (P)  
Abstract: Cataloging documents taken from the Internet is truly challenging. Several projects undertaken in the United States, such as OCLC Internet Resources and Intercat Project, the Text \*Encoding\* Initiative (TEI), and the OCLC Dublin Core Project, helped to identify major problems. Tools such as URCS, URNs and PURLs were developed to assist \*cataloguers\* in bringing \*order\* to the chaos of Internet. The article describes those projects and tools used to identify the problems encountered by cataloguers in the course of their work. Finally, the levels of competency required by cataloguers in the future and their role in establishing standards for information exchange in the Internet community are briefly discussed. (58 Refs)  
Subfile: C  
Copyright 1997, IEE

31/7/7 (Item 6 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5287864 INSPEC Abstract Number: C9607-6130D-017  
Title: SGML: a librarian's perception  
Author(s): Corthouts, J.; Philips, R.  
Author Affiliation: UIA Libr., Antwerp Univ., Belgium  
Journal: Electronic Library vol.14, no.2 p.101-10  
Publisher: Learned Information,  
Publication Date: April 1996 Country of Publication: UK  
CODEN: ELLIDZ ISSN: 0264-0473  
SICI: 0264-0473(199604)14:2L.101:SLP;1-J  
Material Identity Number: E880-96002  
Language: English Document Type: Journal Paper (JP)  
Treatment: Applications (A); Practical (P)  
Abstract: SGML, or Standard Generalised Markup Language, is an international standard (ISO 8879) \*allowing\* the logical structure of \*electronic\* \*documents\* to be represented rigorously and independent of applications. This article does not discuss the actual standard, but rather proposes a strategy libraries can consider when implementing SGML applications on top of existing products, or when embedding these in innovative end-user services. Experiences of SGML within the VUBIS-Antwerpen Library Network (Belgium) are discussed. VUBIS-Antwerpen has adopted SGML as a key standard for the exploitation of its bibliographical data (union \*catalogues\*, document \*ordering\*, online contents, current awareness, publishing on the World Wide Web). With the move towards electronic publication and distribution of documents, SGML tends to become a crucial standard for digital libraries. Projects such as TEI, ELSA, DECOMATE and ELVYN now focus on access to and delivery of full-text \*electronic\* \*documents\*, using SGML to manipulate, process and transform the document for the purposes of full-text searching or hypertext navigation. (43 Refs)  
Subfile: C  
Copyright 1996, IEE

31/7/8 (Item 7 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.

5009673 INSPEC Abstract Number: B9509-6210L-063, C9509-7210L-007

Title: Collection development in the electronic library  
Author(s): Antelman, K.; Langenberg, D.  
Author Affiliation: Dept. of Library Comput. Syst., Delaware Univ., Newark, DE, USA  
Conference Title: Proceedings. ACM SIGUCCS 1993. Toward New Horizons.  
User Services Conference XXI Part vol.1 p.50-6 vol.1  
Publisher: ACM, New York, NY, USA  
Publication Date: 1993 Country of Publication: USA ix+452 pp.  
ISBN: 0 89791 631 X  
U.S. Copyright Clearance Center Code: 0 89791 631 X/93/0011 \$1.50  
Conference Title: Proceedings of XXI User Services Conference. Toward New Horizons  
Conference Sponsor: ACM  
Conference Date: 7-10 Nov. 1993 Conference Location: San Diego, CA, USA  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)  
Abstract: Until recently, building library collections has meant acquiring materials and holding them locally. Libraries are now at a crossroads. The number of publications and their cost are growing so rapidly that even the largest research libraries can no longer acquire all the materials their users need. During the last twenty-five years (1968-93) libraries have relatively easily incorporated \*electronic\* information in the \*form\* of online \*catalogs\*, CD-ROMs and other bibliographic databases into their collections. Computer networks, in particular the Internet, now offer libraries access to other information resources. Many libraries have implemented Internet access via the University of Minnesota's Gopher software, which \*allows\* selective and organized access to information on the Internet. Information on the Internet comes in a wide variety of formats, most of it "non-traditional" as far as libraries are concerned. Librarians have to decide what information on the Internet qualifies as "library" information. In addition, librarians will have to work within the larger contexts of the university, other libraries, and the larger research community. In their role as mediators between people and knowledge, librarians can add value to a library Gopher in many ways. By bringing information from the Internet into local collections and by enhancing its accessibility, librarians are working towards the realization of the electronic library. (16 Refs)  
Subfile: B C  
Copyright 1995, IEE

31/7/9 (Item 8 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2003 Institution of Electrical Engineers. All rts. reserv.  
4933518 INSPEC Abstract Number: C9506-7850-048  
Title: Fortec's efforts to support mainstream education through research and technology development  
Author(s): Seiler, F.P.  
Author Affiliation: Rehabilitation Eng. Group, Vienna Univ. of Technol., Austria  
p.479-86  
Editor(s): Zagler, W.L.; Busby, G.; Wagner, R.R.  
Publisher: Springer-Verlag, Berlin, Germany  
Publication Date: 1994 Country of Publication: West Germany xx+625 pp.  
ISBN: 3 540 58476 5  
Conference Title: Computers for Handicapped Persons. 4th International Conference, ICCHP '94  
Conference Sponsor: Austrian Fed. Minist. Environ., Youth & Family

Affairs; Austrian Fed. Minist. Educ. Arts; et al  
Conference Date: 14-16 Sept. 1994 Conference Location: Vienna, Austria  
Language: English Document Type: Conference Paper (PA)  
Treatment: Practical (P)

Abstract: Mainstream education of visually impaired pupils and students depends heavily on the accessibility of the same information that is available for sighted colleagues. This information can be: printed text like books, lecture notes and transparents; graphics and figures are often used to illustrate or support the understanding of a verbally described procedure; and access to information available in \*electronic\* \*form\* like library \*catalogues\*, information services (e.g. gopher) and electronic texts. Fortec developed HotDot, a printing device that \*allows\* the production of Braille and/or inkprint within the same unit and on the same page. Another project is RELIEF, a new system to produce graphics and figures as hardcopy materials in tactile (three-dimensional) form. And the third project described in the paper is the conceptual design and set-up of the multifunctional VIP-Workplace for visually impaired students at the Vienna University of Technology. (8 Refs)

Subfile: C

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31/7/10 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

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03244660 INSPEC Abstract Number: C88063075

Title: **Image compression for document storage**

Author(s): Matlin, M.

Author Affiliation: Hawkeye Image Syst. Inc., Boulder, CO, USA

Journal: ESD: The Electronic System Design Magazine vol.18, no.7 p. 75-6

Publication Date: July 1988 Country of Publication: USA

CODEN: EESMEY ISSN: 0147-9245

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Until recently, there were always two impediments to converting information stored on paper to a bit-mapped electronic format. One was the lack of image memory. Even if images were digitized and compressed, few storage devices could contain enough images to make the effort worthwhile. Now, of course, with 550-Mbyte CD-ROM media and 200-Mbyte to 1-Gbyte Write Once Read Many (WORM) technology, as well as improvements in Winchester storage capacity, it is possible to store parts \*catalogs\*, \*forms\*, technical manuals, encyclopedias, and other volumes of scanned \*documents\* in \*electronic\* \*form\*. The other problem was the slowness of image retrieval. Until compression/expansion chips became available, image compression and expansion were performed in software, taking at least 30 seconds for a typical document. Now, with such devices as AMD's 7971 image compression/expansion processor (CEP), such operations take only a few seconds. The \*author\* looks at the use of such technology for document storage and retrieval, and looks at the design of a system based on the Hawkeye Image Systems HIS 7900 card. (0 Refs)

Subfile: C

31/7/11 (Item 1 from file: 144)

DIALOG(R)File 144:Pascal

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15076294 PASCAL No.: 01-0235677

VirLib : elektronische documentleverantie in Impala

(VirLib: \*electronic\* \*document\* supply via IMPALA (Instant Mailing Procedure for Automated Lending Activities))

CORTHOUTS J; VAN BORM J; PHILIPS R  
Universiteitsbibliotheek Antwerpen, Belgium; Universiteitsbibliotheek  
Antwerpen UIA Antwerpen, Belgium

Journal: Bibliotheek- en archiefgids - Vlaamse vereniging voor  
bibliotheek-, archief-, en documentatiewezen, 2000, 76 (3) 14-21

ISSN: 0772-7003 Availability: INIST-15918; 35400091749550020

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Belgium

Note: 1/4 p. ref. et notes

Language: Dutch Summary Language: English

VirLib is a research project exploring the limits of document delivery via scanned paper originals: limits of present day technology, organisational requirements and legal limits. VirLib I was running from 1995 until 1997 with as partners the Belgian Royal library, the libraries of the Universite libre de Bruxelles and the University of Antwerp (UA) and a private company called IRIS. Most of the study work has been done in that period. On the basis of a first evaluation the original software has been adapted during VirLib II (1999-2000). The VirLib software is a real integrator, integrating \*electronic\* \*documents\* from various sources (Docutrans, Ariel, VirLib) and under various formats. It runs under Linux and can bring PDF documents to the PC of the end user. The main document suppliers in Belgium are testing the VirLib software in the framework of the \*ProVirLib\* project (1999-2000). For more information see: <http://lib.ua.ac.be/VIRLIB/index.html> and <http://www.kbr.be/virlib2/> Moreover the UA and the LUC are now using a system whereby the end user can forward \*electronic\* \*document\* requests to the library. The process starts with a search in one of the (union)\*catalogues\*. Via an \*order\* button all information on end user and requests is automatically transmitted to the local library. In 1999 49% of all document requests originating in the UA were channelled through this system. The so-called harmonisation directive of the European Commission, presently under discussion, may have a dramatic effect on VirLib and similar projects all over Europe. If these activities were to fall under art. 1 of the Belgian copyright law of 30.6.1994 the application of the VirLib tools becomes (nearly) impossible. If on the contrary the harmonisation directive were to follow the more user friendly proposals of the northern European countries, libraries would be able to supplement the classical ILL activity by a more speedy service \*provided\* some fees are paid to the \*authors\* and publishers (art. 59 and 60 of the present Belgian law). However, the future of VirLib like technical and organisational solutions in Europe and worldwide seems to be threatened by the legal implications and the fear of publishers for endangered revenues.

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31/7/12 (Item 2 from file: 144)

DIALOG(R)File 144:Pascal

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14099947 PASCAL No.: 99-0293910

Electronic materials request Service for cataloged and in-process books  
EPPLÉ M; MONTANARO A  
Interlibrary Services, Rutgers University Libraries, New Brunswick, NJ  
08903, United States; Systems and Database Management, both at Rutgers  
University Libraries, New Brunswick, NJ 08903, United States

Journal: Resource sharing & information networks, 1996, 11 (1-2) 27-45

ISSN: 0737-7797 Availability: INIST-19734; 35400083544010030

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United States

Language: English

Since 1985, library patrons have had the ability to request that books and photocopies be delivered from any of the 18 Rutgers University libraries in New Brunswick, Camden, or Newark, to a nearby Rutgers library. Recently, the service known as the Materials Delivery Service (MDS) was enhanced to \*allow\* users to place book requests without having to complete a paper form or even enter a library. By using a PC and modem or a direct connection to the university's campus-wide information network, a request can be placed from home, office, dorm room, or in the library. When using the new electronic MDS, users search a modified version of IRIS (the Libraries' Geac on-line catalog) or the Innopac acquisition system for the books they need. The system is unique in that the book requests are made in the on-line catalog and in the acquisition system; no worksheet is needed for bibliographic information. (Article copies available from The Haworth Document Delivery Service: 1-800-342-9678.)

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31/7/13 (Item 3 from file: 144)

DIALOG(R) File 144:Pascal

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13886603 PASCAL No.: 99-0065900

**A Deep Multicolor Survey. IV. The Electronic Stellar Catalog**

OSMER Patrick S; KENNEFICK Julia D; HALL Patrick B; GREEN Richard F  
Astronomy Department, The Ohio State University, 174 West 18th Avenue,  
Columbus, OH 43210; Steward Observatory, University of Arizona, AZ 85721;  
National Optical Astronomy Observatories, PO Box 26732, Tucson, AZ 85726  
Journal: The Astrophysical journal. Supplement series, 1998-12, 119 (2)

189-196

ISSN: 0067-0049 CODEN: APJSA2 Availability: INIST-512 B

Document Type: P (Serial) ; A (Analytic)

Country of Publication: United States

Language: English

We make available in \*electronic\* \*form\* the stellar \*catalog\* of 19,494 objects from the Deep Multicolor Survey (DMS). The DMS is based on CCD imaging with the Mayall 4 m telescope in U, B, V, R', I<sub>75</sub>, and I<sub>86</sub> and covers 0.83 deg<sup>2</sup> in six fields at high Galactic latitude. The survey reached 5 sigma limiting magnitudes of 22.1 in I<sub>86</sub> to 23.8 in B. The catalog gives positions, magnitudes and error estimates, and classification codes in the six filter bands for all the objects. We present tables that summarize the spectroscopic results for the 55 quasars, 44 compact narrow emission-line galaxies, and 135 stars in the DMS that we have \*confirmed\* to date. We also make available illustrations of all the spectra. The catalog and spectra can be obtained from the World Wide Web.

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31/7/14 (Item 4 from file: 144)

DIALOG(R) File 144:Pascal

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13651109 PASCAL No.: 98-0358125

**Electronic journals in the online catalog : Selection and bibliographic control**  
SIMPSON P; SEEDS R  
Serials and Electronic Resources Cataloging Librarian, the Pennsylvania State University, University Park, Pennsylvania, United States; Head Mathematic the PennsylvaniaState, University Park, Pennsylvania, United

States

Journal: Library resources & technical services, 1998, 42 (2) 126-132  
ISSN: 0024-2527 CODEN: LRTSAH Availability: INIST-12652;  
354000077065270040  
Document Type: P (Serial) ; A (Analytic)  
Country of Publication: United States

t 33/7/all

33/7/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02171983 INSPEC Abstract Number: A84013267

Title: Observed time delays between solar H alpha flares and microwave bursts as evidence for various energy transport mechanisms

Author(s): Kampfer, N.; Magun, A.

Author Affiliation: Inst. of Appl. Phys., Univ. of Berne, Berne, Switzerland

Journal: Astrophysical Journal vol.274, no.2, pt.1 p.910-15

Publication Date: 15 Nov. 1983 Country of Publication: USA

CODEN: ASJOAB ISSN: 0004-637X

Language: English Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Investigates the evolution of an H alpha flare and the corresponding microwave burst, both observed with high time resolution and available in \*digital\* \*form\*. The evolution can clearly be divided into \*three\* \*parts\*, each of them characterized by a specific mechanism of energy transport. It is shown that one specific H alpha kernel has no time delay with respect to the microwave event, whereas the other kernels are delayed as much as 30 s. These facts can be used to establish different transport mechanisms of energy. (15 Refs)

Subfile: A

?

11223 S4  
 S35 0 S34 AND (S2 OR S3 OR S4)  
 ? show files  
 File 35:Dissertation Abs Online 1861-2003/Oct  
     (c) 2003 ProQuest Info&Learning  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 65:Inside Conferences 1993-2003/Nov W1  
     (c) 2003 BLDSC all rts. reserv.  
 File 2:INSPEC 1969-2003/Oct W4  
     (c) 2003 Institution of Electrical Engineers  
 File 144:Pascal 1973-2003/Oct W4  
     (c) 2003 INIST/CNRS  
 File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
     (c) 2003, EBSCO Pub.  
 File 474:New York Times Abs 1969-2003/Nov 05  
     (c) 2003 The New York Times  
 File 475:Wall Street Journal Abs 1973-2003/Nov 05  
     (c) 2003 The New York Times  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Sep  
     (c) 2003 The HW Wilson Co.  
 ? ds

Set	Items	Description
S1	20418	(DIGITAL OR ELECTRONIC) (3N) (DOCUMENT? ? OR FORM? ? OR ORDERFORM OR CONTRACT? ?)
S2	42149	HEADER? OR (FIRST OR TOP) () (PORTION OR SECTION OR PART)
S3	37834	(MIDDLE OR SECOND) () (PORTION OR SECTION OR PART)
S4	11223	(THIRD OR LAST OR FINAL) () (PORTION OR PART)
S5	25195	METHOD(3N) (PAYMENT) OR CREDITCARD OR CREDIT() CARD
S6	4511	(ITEM OR ITEMS OR PRODUCT OR PRODUCTS OR PURCHASES) (3N) (ORDERED OR SELECTED)
S7	784	ORDER() FORM? ?
S8	2900	(ELECTRONIC? OR DIGITAL?) (3N) (SIGNATURE OR APPROVAL?)
S9	54	E() SIGNATURE OR ESIGNATURE
S10	179901	CRYPTOGRAPHIC OR ENCRYPTION OR EN() (CRYPT? OR COD? OR CIPHER? OR CYpher?) OR SCRAMBLE? OR ENCRYPT OR ENCOD? OR ENC?PHER
S11	5810174	AUTHENTICAT? OR PROV? OR AUTHOR? OR APPROV? OR ALLOW? OR ACCEPT? OR VALIDAT? OR CONFIRM? OR VERIF? OR ACKNOWLEDG? OR CERTIFY OR ATTESTS OR CERTIFIES OR ATTEST
S12	2068	CATALOG?(3N) (FORM OR FORMS OR ORDER?)
S13	11480	(THREE OR MULTIPLE) () (PART OR PARTS)
S14	298	MULTI() PART
S15	1591581	FORM OR FORMS OR DOCUMENT? OR ORDERFORM?
S16	0	AU='BROTHERS LAURANCE RAPHAEL'
S17	0	S16 AND CATALOG?
S18	4	S1(2S) (S13 OR S14) (4N) S15
S19	3	S1(2S) S2(2S) S3(2S) S4
S20	0	S19 AND IC=G06F?
S21	687	S10 AND (S8 OR S9)
S22	0	S19 AND (S8 OR S9)
S23	0	S1 AND S7 AND (S8 OR S9) AND S5 AND S5
S24	360	S1 AND (S7 OR S8 OR S9 OR S5)
S25	3	S1 AND (S13 OR S14) (3N) S15
S26	0	S1 AND S5 AND S6 AND (S8 OR S9)
S27	46	S1 AND S12
S28	0	S27 AND (S5 OR S6 OR S8 OR S9)
S29	0	S27 AND S10 AND S11
S30	19	S27 AND (S10 OR S11)
S31	18	S30 NOT CY=2000:2003
S32	8272	DIGITAL?(4N) (FORM OR FORMS OR CONTRACT? OR ORDERFORM OR DO-

CUMENT? ?)  
S33 1 S32 (7N) (S13 OR S14)  
S34 0 S32 AND S5 AND S6 AND (S8 OR S9)  
S35 0 S34 AND (S2 OR S3 OR S4)  
?

22/3, K/1 (Item 1 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
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1553850 Supplier Number: 01553850 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Checking Out On the Internet  
(Americans wrote an estimated 67 bil checks in 1995, with 17 bil coming at  
the point of sale)  
Financial Service ONLINE, p 61+  
May 1996  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2127

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...electronic check service.

The FSTC electronic check model uses standard cryptographic techniques to  
create a \*digital\* \*signature\* and a tamper-proof electronic document.  
Plans are for checks to be generated from electronic "checkbooks" using a  
PC card, a \*creditcard\* sized piece of hardware that plugs into the  
consumer's PC. Most likely these cards will be \*provided\* by a consumer's  
bank. The checkbooks contain checks, an electronic register, and the  
\*cryptographic\* keys that are used to sign and secure electronic checks for  
transmittal. Access to the...

...is to extend the existing, familiar payment system to enable electronic  
commerce over public networks, \*providing\* a cost-effective, secure  
alternative to credit-based transactions," explains John Doggett, FSTC  
project director...

...Neither Doggett, Jaffe nor any other banker will estimate how  
cost-effective electronic checks will \*prove\*. Cost really hasn't been  
much of a consideration; technical feasibility has been FSTC's...

...mutual fund or broker. The software resides on the customer's computer  
hard drive and \*authenticates\* that each transaction request originates  
from the appropriate customer's computer. Attempts to copy the software to  
another computer automatically disable it.

Once the software is loaded, each customer \*provides\* Netl with necessary  
checking account information, off-line; that information is coded by Netl  
and Internet and therefore can't be compromised," says Saxton.

But Netl has yet to \*prove\* NetChex can work in a live environment. Saxton  
hopes to have a commercial release of...

...negotiated in the form of paper drafts. Like NetChex, Secure Pay  
requires a consumer to \*provide\* the magnetic ink character recognition  
line data that identifies the checking account prior to any use of the  
\*payment\* \*method\* -- the information is \*provided\* via a secure Web site  
maintained by Redi-Check or offline through the mail, and...

...Check

Registered consumers then have the option to click on a check icon on the  
\*electronic\* \*order\* \*form\* when shopping along the Internet, which  
connects them to Redi-Check. Once instructed to issue...

...confidence in his product, Sumsion does not believe that Secure Pay will emerge as the \*payment\* \*method\* of choice in Internet shopping. But he's hopeful it will survive as one of...

...the plant," says Netl's Saxton.

#### Money Laundering

In the U.S., e-cash, if \*allowed\* to flourish, could sound alarms in regulatory and law enforcement circles says Charles Watt, chief...

...scare off many cost-conscious merchants.

Check transactions, though, may not be much cheaper than \*credit\* \*card\* transactions are for merchants. The 2% merchant fee quoted by Sumsion mirrors closely the fee...

...to make a transaction," he says. It's at least as safe as giving a \*credit\* \*card\* number over the Internet, \*provided\* both are using commonly-\*accepted\* public key \*encryption\* techniques, he adds.

#### Check Rejects

Although Stewart stops short ...checks. But so, too, will customer convenience. And for many consumers, the check is a \*method\* of \*payment\* they like to use.

"People like the feel of the check. The feel of the...

...PRODUCT NAMES: On-line service \*providers\* (737500)  
?

09221370      SUPPLIER NUMBER: 19042441      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
No privacy on the Net. (Internet/Web/Online Service Information)  
Rothfeder, Jeffrey  
PC World, v15, n2, p223(7)  
Feb, 1997  
ISSN: 0737-8939      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4049      LINE COUNT: 00316

... of juicy information, from secret corporate strategies to credit card numbers. Some e-mail contains \*headers\* with log-ins and passwords, allowing hackers to sign on and gain complete access, even...the Net as a virtual store. Last year it began letting customers buy products \*electronically\* by submitting \*electronic\* \*order\* \*forms\*.

The company felt it could safely offer this service because it had installed the latest...  
?

21/9/1 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01731137 03-82127

**Merchandising tips for the Web**

Harris, Kellee

Sporting Goods Business v31n17 PP: 14-15 Nov 6, 1998 ISSN: 0146-0889

JRNL CODE: SGB

DOC TYPE: Journal article LANGUAGE: English LENGTH: 2 Pages

WORD COUNT: 1032

**ABSTRACT:** Adapting \*proven\* merchandising concepts to the world of e-commerce opens up a completely new perspective when designing or updating a Web site to be more profitable. In the Web world, graphics, photos, and other design elements can become your signage in the same way a sporting goods store uses department header signs, ceiling banners, and aisle markers to point the way. Just as the home page of a Web site must attract visitors to come inside, the mix or selection of products offered must tell a story. One innovative way to get initial and repeat customers is to offer on-line only products to entice repeat visits. Coupons are always an attraction to price-conscious shoppers, and more sites are offering downloadable coupons to print out immediately.

**TEXT:** To a retailer, the term "merchandising" can mean floor layout, interior design, signage, POP or in-store promotions, as well as the sheer variety of product mix-whatever attracts and motivates the customer to buy. Adapting these \*proven\* concepts to the world of e-commerce opens up a completely new perspective when designing or updating a Web site to be more profitable.

So, envisioning your online presence as bricks, not bits, how would you plan the site layout to invite customers to step inside? Which direction would they head once there, and what would make them stay? Most importantly, what would make them buy and why would they return?

**FLOOR PLANS AND SIGNAGE**

Retailers plan store layouts and product departments based on traffic flow patterns and return on square foot of selling space. There is usually a strategy to have some high-volume product areas in the front to bring customers in, plus other sections in the back to move traffic through the store. Well-placed, easy-to-read directions add to the ease of the shopping experience.

In the Web world, graphics, photos and other design elements can become your "signage" in the same way a sporting goods store uses department header signs, ceiling banners and aisle markers to point the way.

The Overton's site strategically lays out Web departments via a button listing (online store first, bargain basement second, e-mail and catalog order entry next, etc.), going from the most important areas to the secondary (chat areas, how to order, \*credit\* \*card\* information).

As with any cataloger, the key is getting the visitor to the product first, but ensuring the capture of their name by prompting either an email address or catalog request as well. The visitor also has the option through a handy search box listed at the top of the page to find a specific product, brand or category quickly and easily.

G.I. Joe's has designed its site signage similar to a tackle box, enticing

visitors to "Choose Your Bait, Mate!" By clicking on one of the lures in the box, a person can immediately link to departments such as Field & Stream, Outdoor Leisure, Footwear or Apparel. From there, one can select from a variety of links to specific categories similar to aisles in a store.

#### UNIQUE MERCHANDISE MIX

Just as the home page of a Web site must attract visitors to come inside, the "mix" or selection of products offered must tell a story.

One innovative way to get initial and repeat customers is to offer on-line-only products to entice repeat visits. For example, outdoor sporting goods retailer Campmor features a virtual store with an entire section of merchandise called Online-Only. These goods are available only via the Web site and change frequently. In addition, when a shopper calls the tollfree order number, they are directed to ask for Operator WEB, who specializes in taking Web site product orders.

#### SPECIAL SALES SECTIONS

As all retailers know, shoppers love a bargain. So, some of the best Web sites on the Net take this retailing tactic seriously and offer a "Sales Section." Merchandise is typically overstock or off-season closeouts, but to the site visitor, they're real deals.

Zoot Hawaii, a manufacturer of triathlon and running apparel, offers visitors an immediate link to their "Sales Rack" within the company store. Once there, consumers can scroll down a combination product list/order form for basic information, then click on the \*selected\* \*product\* photo for more details, enlarged views of the merchandise and even fabric swatch samples. Several sporting goods sites such as Zoot, Campmor, REI and Lands End invite site visitors to register for e-mail sales notices, which alert consumers when new sale merchandise is available at the site, along with hotlinks to the exact page for each item offered.

#### DISPLAYS & MUSIC

Remember walking past the large display windows, arranged with a seasonal or product theme, at your local department or sporting goods store? How about walking inside and instantly finding the featured item of the week?

At Overton's, the opening page gives the visitors an immediate "Special: This Week Only!" pitch, complete with a large colorful photo image of the product and price listed prominently next to the image. A single click on the graphic takes one directly to the order page.

Additionally, the online cataloger also \*provides\* a category list of other departments with weekly features-a smart tactic to entice the viewer to probe deeper into the site for more deals just in case the promoted item isn't of interest. Speaking of seasonality, the site is even decorated with holiday light graphics.

Another innovative idea is music-but not the droning Muzac style. Take a cue from The Tennis Company, a California specialty retailer and Web merchant. When a visitor clicks on their site, a Caribbean audio clip starts up, setting the mood for a fun shopping experience.

#### IN-STORE PROMOTIONS

Coupons are always an attraction to priceconscious shoppers, and more sites are offering downloadable coupons to print out immediately.

According to a spokesperson from Modell's, the "Mo's Cash" Web coupons have been highly successful in getting site visitors into local stores. The customer simply prints out the desired one-time discount coupon from the Modell's site and brings it to the nearest store for redemption. This concept \*allows\* the retailer to use its site to "sell" even if it doesn't offer products for order direct from the site.

JCPenney offers coupon redemption in two forms: downloadable from its site (print out and take to a retail store or include with a mail-in catalog order), as well as honoring printed coupons via its \*electronic\* \*order\* \*form\* located on the site (fill in on-line order form with codes listed on printed coupon). Either way, JCPenney is increasing the value of the shopping experience for the Web visitor.

To get into the merchandising mode, sporting goods merchants need to start thinking "inside the box." This means looking at your site from the inside out and start pumping some muscle into Web profits.

\*Author\* Affiliation:

Kellee K Harris, MBA, is owner and president of MarketSpark a sporting goods marketing consulting company based. in Portland, OR. She can be reached by e-mail at [marketspark@marketspark.com](mailto:marketspark@marketspark.com), or on the World Wide Web at <http://www.marketspark.com>

THIS IS THE FULL-TEXT. Copyright Miller Freeman Inc 1998

COMPANY NAMES:

Overtons (DUNS:05-040-5968)

GI Joes (DUNS:02-772-4293)

Campmor

Modells Sporting Goods

J C Penney Co Inc (DUNS:00-698-8893 TICKER:JCP)

GEOGRAPHIC NAMES: US

DESCRIPTORS: Retailing industry; Merchandising; Web site design; Electronic commerce; Innovations; Manycompanies

CLASSIFICATION CODES: 9190 (CN=United States); 8390 (CN=Retailing industry); 7000 (CN=Marketing); 5250 (CN=Telecommunications systems)

?

23/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01858908 05-09900

**Best entertainment web site: Jamba**

Anonymous

Marketing Yell: UK Web Awards 1999 Supplement PP: 10 1999

ISSN: 0025-3650 JRNL CODE: MAR

WORD COUNT: 295

...TEXT: and study seating plans to ensure they get the best spot in the house.

An \*electronic\* \*order\* \*form\* means once you've picked your show of choice you can buy tickets online.

Memorabilia...

...news service are also available to site visitors.

Rudowski says: "Too many sites fail to \*provide\* anything useful, they tend to be there for their own sake. This is very functional..."

23/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01852674 05-03666

**Digital wallets**

Walker, Christy

Computerworld v33n27 PP: 65 Jul 5, 1999

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 984

ABSTRACT: Consumers can use digital wallets to securely hold their \*credit\* \*card\* number, shipping and mailing addresses and the personal information online. According to recent research, up to 27% of shoppers have abandoned an online order because of arduous \*order\* \*forms\*. When using a \*digital\* wallet, consumers do not need to fill out order forms on each site when they...

...TEXT: wallet is software that enables users to pay for goods on the Web. It holds \*credit\*-\*card\* numbers and other personal information such as a shipping address. Once entered, the data automatically...

... of reaching into their back pockets, consumers can use digital wallets to securely hold their \*credit\*-\*card\* number, shipping and mailing addresses and other personal information online.

"One of the biggest problems...

...secured and encrypted on the user's hard drive. The user retains control of his \*credit\* \*card\* and personal information locally.

With a server-based wallet, a user fills out his personal...

...or a digital wallet vendor rather than on the user's PC.

Server-side wallets \*provide\* assurance against merchant fraud because they

use certificates to \*verify\* the identity of all parties. When a party makes a transaction, it presents its certificate...

... the other parties involved. A certificate is an attachment to an electronic message used to \*verify\* the identity of the party and to \*provide\* the receiver with the means to \*encode\* a reply.

Furthermore, the cardholder's sensitive data is typically housed at a financial institution, so there's an extra sense of security because financial environments generally \*provide\* the highest degree of security..

But even though wallets \*provide\* easy shopping online, adoption hasn't been widespread.

Standards are pivotal to the success of... information is transferred directly and securely to the merchant site for payment processing.

(Photograph Omitted)

\*Author\* Affiliation:

Walker is a freelance writer in Cambridge, Mass.

DESCRIPTORS: Data \*encryption\*;

23/3, K/3 (Item 3 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01780245 04-31236

Should you be selling online?

Waltner, Charles

Catalog Age i.merch@nt Supplement PP: S5-S6 Mar 1, 1999

ISSN: 0740-3119 JRNL CODE: CTA

WORD COUNT: 1014

...TEXT: site-one that offers only a selection of your product line and perhaps doesn't \*allow\* for online ordering-for as little as a few thousand dollars. But a full-tilt...

... site) in mind. Perhaps you would like the site to minimize customer service costs by \*providing\* a product troubleshooting guide, or to increase sales of certain product categories.

While Queensboro Shirt... from the Website, feedback from visitors, and competitors' online efforts convinced Tool Crib to link \*electronic\* \*order\* \*forms\* into the company's existing IBM AS400 back-office computer and to sell the entire product line online. "We're aiming to build the ultimate Website," Kuhlman says.

\*Author\* Affiliation:

Charles Walmer is a Seattle-based freelance writer specializing in technology and e-commerce.

23/3, K/4 (Item 4 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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01731137 03-82127

**Merchandising tips for the Web**

Harris, Kellee  
Sporting Goods Business v31n17 PP: 14-15 Nov 6, 1998  
ISSN: 0146-0889 JRNL CODE: SGB  
WORD COUNT: 1032

ABSTRACT: Adapting \*proven\* merchandising concepts to the world of e-commerce opens up a completely new perspective when...

...TEXT: sheer variety of product mix-whatever attracts and motivates the customer to buy. Adapting these \*proven\* concepts to the world of e-commerce opens up a completely new perspective when designing...

...etc.), going from the most important areas to the secondary (chat areas, how to order, \*credit\* \*card\* information).

As with any cataloger, the key is getting the visitor to the product first  
...

...scroll down a combination product list/order form for basic information, then click on the \*selected\* \*product\* photo for more details, enlarged views of the merchandise and even fabric swatch samples. Several...

...on the graphic takes one directly to the order page.

Additionally, the online cataloger also \*provides\* a category list of other departments with weekly features-a smart tactic to entice the...

... the Modell's site and brings it to the nearest store for redemption. This concept \*allows\* the retailer to use its site to "sell" even if it doesn't offer products...

... include with a mail-in catalog order), as well as honoring printed coupons via its \*electronic\* \*order\* \*form\* located on the site (fill in on-line order form with codes listed on printed...at your site from the inside out and start pumping some muscle into Web profits.

**\*Author\* Affiliation:**

Kellee K Harris, MBA, is owner and president of MarketSpark a sporting goods marketing...

23/3,K/5 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01707251 03-58241

**Fitting the need**

Anonymous

American Printer v22ln6 PP: 88-90 Sep 1998  
ISSN: 0744-6616 JRNL CODE: APR  
WORD COUNT: 1076

...ABSTRACT: Marudas' server, using the Internet or sending files via File Transfer Protocol. Customers post an \*electronic\* \*order\* \*form\* and, in many cases, the electronic documents themselves. Marudas does the rest.

...TEXT: print company with \$9.5 million in annual sales. In addition to forms, the firm \*provides\* data products, filing systems, fulfillment/product management and promotional products, including coffee cups, embroidered hats...

... to month, but the trend is clearly up, says Marudas, reporting

invigorated growth in what he \*acknowledges\* as a mature market. The on-demand system drives printing of up to two million...

... server, using the Internet or sending files via File Transfer Protocol (FTP). Customers post an \*electronic\* \*order\* \*form\* and, in many cases, the electronic documents themselves. Marudas does the rest.

For customized direct mail, customers \*provide\* a database to merge with a "shell" document. Marudas creates a customized version of the...

...mailing list, adds a business card and distributes the mailing.

Other advantages that demand printing \*provides\* for forms-based businesses and their clients include the timelines of current documents. Using demand

...

... two printers: a Kodak ImageSource 92p printer and a Kodak ImageSource 70cp copier-printer. Both \*accept\* PostScript and other page description languages. The 92p printer produces up to 92 pages per minute, in black, or legal or letter-size paper. Its 600 dpi resolution \*allows\* printing of halftones.

The ImageSource 70 cp copier-printer can print on stock up to...

?

24/3,K/1 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08054292 SUPPLIER NUMBER: 17152123 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Automating laboratory send-out tasks.**  
Dickamore, Gene; Ash, K. Owen; Brown, Sam  
Medical Laboratory Observer, v27, n7, p57(3)  
July, 1995  
ISSN: 0580-7247 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1586 LINE COUNT: 00138

... FIGURE 1 OMITTED!

\* Test results, inquiries. Test results, including those for tests requested via an \*order\* \*form\*, are \*electronically\* received from the performing lab and stored on System 2000. They are also automatically printed to a \*multi\*-\*part\* patient chart form. Additionally, an ASTM-compatible file is available to transfer results to an...

24/3,K/2 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03900038 SUPPLIER NUMBER: 06967948 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Second Annual Directory of Human Resources Services, Products and Suppliers, January 1989. (directory)**  
Personnel, v66, n1, pD1(167)  
Jan, 1989  
DOCUMENT TYPE: directory ISSN: 0031-5702 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 155534 LINE COUNT: 14711

... with C.L.S. The only cost to your company is the printing of the \*order\* \*form\*/brochures.  
Norman A. Ginis O.D., President Employee Support Systems, 309 North Rampart, Ste. A...

?

t 25/9/all

25/9/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2150478 Supplier Number: 02150478 (THIS IS THE FULLTEXT)  
Standard procedures for e-commerce touted -- New group seeks order amid  
current Net buying chaos  
(RosettaNet, new IT supply chain electronic-commerce consortium, will be  
launched June 8 to draft common \*electronic\* \*order\* \*form\* and other  
procedures for IT electronic commerce)

Electronic Buyers News, p 32

June 01, 1998

DOCUMENT TYPE: Journal ISSN: 0164-6362 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 551

ABSTRACT:

RosettaNet, a new IT supply chain electronic-commerce consortium, will be officially launched June 8 to draft a common electronic order form, standard product descriptions and other agreed-upon procedures for IT electronic commerce. Member companies will include end users, manufacturers, distributors, resellers, and suppliers. The consortium has launched a study to determine the amount of savings that can be realized through supply chain e-commerce standards. The full text further discusses the topic.

TEXT:

By: Jack Robertson

A new IT supply chain electronic-commerce consortium called RosettaNet wants to instill order into the current chaos of purchasing, invoicing, and billing over the Internet.

RosettaNet will be officially launched June 8 to draft a common electronic order form, standard product descriptions, and a host of other agreed-upon procedures for IT electronic commerce. Member companies will include end users, manufacturers, distributors, resellers, and suppliers.

Karl Salnoski, general manager of electronic commerce at IBM Corp.'s Internet Division, Somers, N.Y., said the existing electronic-purchasing system is chaotic. Companies in the supply chain use different forms, different terms, and different procedures. IT electronic commerce will never reach its full potential until all companies in the supply chain use a common system, according to Salnoski.

The consortium's name alludes to the ancient Rosetta stone, on which was inscribed the same text in different languages. This enabled archaeologists to translate Egyptian hieroglyphics.

The group is setting up separate working groups to draft various standards for IT electronic commerce, with the first proposed standards expected by the end of this year, Salnoski said.

RosettaNet has released a position paper detailing the need for standards in the IT electronic supply chain. Just the basic step of how to describe the desired product can lead to endless confusion, the group said.

"For instance, most returns of computer products occur not because they are defective, but because purchasers discover that the product is not what

they actually wanted," the position paper states. "There is no common taxonomy to classify product information from hundreds of manufacturers or distributors, with the supply chain using a range of diverse terminologies and classification schemes.

"End users lack a standardized template to use when describing products they wish to purchase. As a result, they must make purchase requests in prose, forcing resellers to guess which products will best suit their needs. This process is both time-consuming and error-prone." IBM's Salnoski said the rapid obsolescence of IT products means that no one in the supply chain can continue to tolerate the confusion and delays resulting from the lack of standards.

"Manufacturers must know precisely and in real time what exact products are in each stage of the pipeline," Salnoski said. With just-in-time and build-to-order PC manufacturing, e-commerce standards are essential, he added.

The IBM official also said the rapid increase in IT electronic purchasing means that standards must be implemented quickly to take full advantage of the Internet ordering benefits. He estimated that today roughly 10% of IT purchasing and billing is done electronically.

"However, this is growing significantly, with many companies expecting to do 25% to 50% by electronic commerce very shortly," Salnoski added.

The RosettaNet official said the consortium has launched a study to determine the amount of savings that can be realized through supply chain e-commerce standards. "We don't have the metrics yet," although there is almost no doubt that improved efficiency and rapid response times will lead to a huge payoff, he said. The consortium will launch its own Web site ([www.Rosettanet.org](http://www.Rosettanet.org)) sometime around June 8. Interested parties can track the group's activities and progress on its Internet home page.

Salnoski declined to identify member companies in RosettaNet until the formal debut in June, although he said they represent all levels of the IT supply chain.

June 01, 1998

Copyright 1998 CMP Publications, Inc.

INDUSTRY NAMES: Applications software; Software

PRODUCT NAMES: Business software packages NEC (737275)

CONCEPT TERMS: All product and service information; Quality

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

25/9/2 (Item 2 from file: 9)

DIALOG(R)File 9:Business & Industry(R)  
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1118249 Supplier Number: 01118249

Circulators prepare for surge in online inquiries

(Magazine circulation depts prepare for surge in online inquiries, as more titles set up e-mail addresses, \*electronic\* \*order\* \*forms\*)

Folio, v 24, n 2, p 15

February 01, 1995

DOCUMENT TYPE: Journal ISSN: 0046-4333 (United States)

Karen Lehman EIC 3600 10-Nov-03

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

Magazine circulation departments are preparing for a surge in online inquiries, as more titles set up e-mail addresses and electronic order forms. Miller Freeman's (San Francisco) circulation department receives over 100 e-mail messages daily from readers. The department's Internet and CompuServe inquiries are now handled by one full-time staff person and one part-time staff person. The department's biggest challenge is responding quickly enough, according to vice pres/director of circulation Jerry Okabe, who says e-mail typically deals with damaged or missing copies, or paid subscriptions still being billed. Executives at "BusinessWeek," which went online in 1/95, are using existing resources in its fulfillment department until they determine what the inquiry volume will be. "BusinessWeek" Online general manager/vice pres-strategic planning and development Cara Erickson says the department does not expect AOL to generate many subscriptions. Fulfillment houses are watching developments, and are considering the challenge of setting up a common format through which electronic inquiries can be directly downloaded to a service bureau's mainframe so there doesn't have to be keying of information.

COMPANY NAMES: MILLER FREEMAN INC (UNITED NEWS & MEDIA PLC)

INDUSTRY NAMES: Information industry; Publishing; Telecom services; Telecommunications

PRODUCT NAMES: Periodicals (272000); Specialized telecommunications services (481397)

CONCEPT TERMS: All company; All product and service information; Applications; Corporate strategy

MARKETING TERMS: All media; General media

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

25/9/3 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2003 The Gale Group. All rts. reserv.

05215015 SUPPLIER NUMBER: 11208426 (THIS IS THE FULL TEXT)

Eleven firms, including Fujitsu, IBM Japan, Hitachi, NEC, Toshiba, Mitsubishi Electric, Nihon Unisys, Nihon DEC, NTT Data Communications, AT&T Jens, and Ordernet Service of Ohio, will cooperatively develop software which will allow the creation of standardized \*order\* \*forms\* for use in \*electronic\* data interchange (EDI) transactions.

(Telecommunications)

IDC Japan Report, v17, p33(1)

June 28, 1991

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 102 LINE COUNT: 00009

TEXT:

Eleven firms, including Fujitsu, IBM Japan, Hitachi, NEC, Toshiba, Mitsubishi Electric, Nihon Unisys, Nihon DEC, NTT Data Communications, AT&T Jens, and Ordernet Service of Ohio

\* Eleven firms, including Fujitsu, IBM Japan, Hitachi, NEC, Toshiba, Mitsubishi Electric, Nihon Unisys, Nihon DEC, NTT Data Communications, AT&T Jens, and Ordernet Service of Ohio, will cooperatively develop software which will allow the creation of standardized order forms for use in electronic data interchange (EDI) transactions. Development will be based on "CII" specs determined by a branch of the Japan Information Processing Development Association. The software is slated for completion by October.

COPYRIGHT 1991 International Data Corporation

INDUSTRY CODES/NAMES: CMPT Computers and Office Automation  
DESCRIPTORS: Electronic data interchange--Joint ventures; Computer software industry--Joint ventures; Telecommunications industry--Joint ventures  
SIC CODES: 7373 Computer integrated systems design; 7374 Data processing and preparation; 7372 Prepackaged software; 4800 COMMUNICATION  
FILE SEGMENT: TI File 148

25/9/4 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04118846 SUPPLIER NUMBER: 08011839 (THIS IS THE FULL TEXT)  
ARC begins mailing of \*order\* \*forms\* for '\*electronic\* handbook':  
supplement takes the paperwork out of a broad variety of transactions.  
(Airlines Reporting Corp. transactions with travel agents)  
Durbin, Fran  
Travel Weekly, v48, n82, p12(1)  
Oct 12, 1989  
ISSN: 0041-2082 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 690 LINE COUNT: 00053

TEXT:

ARC Begins Mailing of Order Forms for 'Electronic Handbook'  
SUPPLEMENT TAKES THE PAPERWORK OUT OF A BROAD VARIETY OF TRANSACTIONS  
\* WASHINGTON -- The Airlines Reporting Corp. began sending out order forms for an electronic handbook supplement that will enable agents to use a personal computer to fill out many of ARC's required forms.  
Order forms, which are part of a flyer describing the electronic handbook, were included in sales summaries for the two sales periods ending Sept. 24 and Oct. 1, according to Barry Lemley, ARC director of agency accreditation services.

Agencies that submit orders will receive, free of charge, a "subscription" that includes one computer diskette, a user's guide and periodic updates of the diskette whenever the printed handbook is revised.

Lemley said ARC plans to start mailing diskettes to agents no later than Oct. 23. The mailing is scheduled to coincide with the mailing of the October edition of the printed handbook, which all ARC-accredited agencies automatically receive.

Designed as a timesaver for both agents and ARC, the diskette is called an electronic handbook supplement because it contains many of the same instructions and forms that will be in the October edition of the printed handbook.

The diskette can be used for all types of applications, ranging from changing an agency's location to acquiring a new branch.

It also can be used for ticket requisitions, bonds and letters of credit, ticket theft reports, reduced rate registration and registration for ARC field seminars.

Use of the electronic handbook is optional for agents since ARC will continue to accept printed forms.

To use the electronic handbook, the diskette is inserted in an IBM OR IBM-compatible PC. A menu of forms and instructions will be displayed, with prompts to help the agent walk through the system.

If agents have questions about whether the diskette can be used in their computers, Lemley said, they should check with their computer vendors or equipment suppliers before ordering.

He also pointed out that home offices should submit orders on behalf of their branches.

Lemley noted that the order form contains space for the home office's

code number only. As a result, he said, managers or owners of multilocation home offices can attach a letter listing their branch code numbers and addresses and whether they want a 5 1/4-inch or 3 1/2-inch diskette for each branch.

Agencies will be charged \$30 for more than one subscription to the electronic handbook per location or for a replacement diskette.

In the October edition of both the printed and electronic handbook, all application forms will be revised.

As a result, Lemley said that regardless of whether agents use the printed or electronic handbook, "we're encouraging agents to use the new application forms as soon as they get them."

For the first time, both the printed and electronic versions of the October handbook will contain application forms for new agencies, branch agencies and satellite ticket printer locations.

Currently, these three application forms are obtained only by purchasing an application kit from ARC of \$81 for a new or branch agency or \$25 for an STP location.

Because these forms will be available in the electronic and printed handbook, ARC will eliminate application kits.

Lemley said ARC has no intention of "jeopardizing people who put out \$81 or \$25 for an application kit, but at the same time, we want to encourage people to use the new forms as quickly as possible."

If agents return an application kit unopened and undamaged along with an application for a new, branch or satellite agency on a newly revised form, Lemley said ARC will reduce the processing fee by the price of the kit.

"If you bought kits, don't throw them away. But it's in everyone's interest to use the newly revised application forms, even if they didn't require a kit, as soon as you get them," Lemley said.

He said ARC will stop accepting applications on old forms as of Dec. 31.

COPYRIGHT 1989 Reed Travel Group

INDUSTRY CODES/NAMES: TRVL Travel and Hospitality

DESCRIPTORS: Airlines Reporting Corp.--Services; Electronic data interchange--Equipment and supplies; Travel agents--Automation

SIC CODES: 4724 Travel agencies; 4512 Air transportation, scheduled

FILE SEGMENT: TI File 148

?

t 26/3, k/all

26/3, K/1 (Item 1 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
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1553850 Supplier Number: 01553850 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Checking Out On the Internet  
(Americans wrote an estimated 67 bil checks in 1995, with 17 bil coming at  
the point of sale)  
Financial Service ONLINE, p 61+  
May 1996  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2127

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...electronic check service.

The FSTC electronic check model uses standard cryptographic techniques to  
create a \*digital\* \*signature\* and a tamper-proof electronic document.  
Plans are for checks to be generated from electronic...Check

Registered consumers then have the option to click on a check icon on the  
\*electronic\* \*order\* \*form\* when shopping along the Internet, which  
connects them to Redi-Check. Once instructed to issue...

26/3, K/2 (Item 1 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou. (R)  
(c) 2003 The Gale Group. All rts. reserv.

01545823 Supplier Number: 47491769 (USE FORMAT 7 FOR FULLTEXT)  
New FDA regulatory guidance manual released; special introductory offer  
announced for "Electronic Records, Submissions & Signatures, Final Rule".  
Business Wire, p06270101  
June 27, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 383

... is necessary to read and comply, if you want to maintain electronic  
records and submit \*electronic\* product \*approval\* applications to the FDA.  
Most importantly, it answers many pivotal questions, sets landmark  
standards, and...

...phone  
714/434-9755 fax  
800/875-8181 phone  
<http://www.biomedical-market-news.com>

---

\*Electronic\* -- Fax \*Order\* \*Form\* To: 714/434-9755  
Attn: Circulation Dept.

\$49 Bound (\$59 after Sept. 1, 1997)

\$40...

28/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01852674 05-03666

**Digital wallets**

Walker, Christy

Computerworld v33n27 PP: 65 Jul 5, 1999

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 984

**ABSTRACT:** Consumers can use digital wallets to securely hold their \*credit\* \*card\* number, shipping and mailing addresses and the personal information online. According to recent research, up to 27% of shoppers have abandoned an online order because of arduous ~~order\*~~ \*forms\*. When using a \*digital\* wallet, consumers do not need to fill out order forms on each site when they...

...TEXT: wallet is software that enables users to pay for goods on the Web. It holds \*credit\*-\*card\* numbers and other personal information such as a shipping address. Once entered, the data automatically...

... of reaching into their back pockets, consumers can use digital wallets to securely hold their \*credit\*-\*card\* number, shipping and mailing addresses and other personal information online.

"One of the biggest problems...

...secured and encrypted on the user's hard drive. The user retains control of his \*credit\* \*card\* and personal information locally.

With a server-based wallet, a user fills out his personal...

...or a digital wallet vendor rather than on the user's PC.

Server-side wallets \*provide\* assurance against merchant fraud because they use certificates to \*verify\* the identity of all parties. When a party makes a transaction, it presents its certificate...

... the other parties involved. A certificate is an attachment to an electronic message used to \*verify\* the identity of the party and to \*provide\* the receiver with the means to encode a reply.

Furthermore, the cardholder's sensitive data...

... a financial institution, so there's an extra sense of security because financial environments generally \*provide\* the highest degree of security.

But even though wallets \*provide\* easy shopping online, adoption hasn't been widespread.

Standards are pivotal to the success of... information is transferred directly and securely to the merchant site for payment processing.

(Photograph Omitted)

\*Author\* Affiliation:

Walker is a freelance writer in Cambridge, Mass.

28/3,K/2 (Item 2 from file: 15)

Karen Lehman EIC 3600 10-Nov-03

DIALOG(R) File 15:ABI/Inform(R)  
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01731137 03-82127

**Merchandising tips for the Web**

Harris, Kellee

Sporting Goods Business v31n17 PP: 14-15 Nov 6, 1998

ISSN: 0146-0889 JRNL CODE: SGB

WORD COUNT: 1032

ABSTRACT: Adapting \*proven\* merchandising concepts to the world of e-commerce opens up a completely new perspective when...

...TEXT: sheer variety of product mix-whatever attracts and motivates the customer to buy. Adapting these \*proven\* concepts to the world of e-commerce opens up a completely new perspective when designing...

...etc.), going from the most important areas to the secondary (chat areas, how to order, \*credit\* \*card\* information).

As with any cataloger, the key is getting the visitor to the product first

...

...on the graphic takes one directly to the order page.

Additionally, the online cataloger also \*provides\* a category list of other departments with weekly features-a smart tactic to entice the...

... the Modell's site and brings it to the nearest store for redemption. This concept \*allows\* the retailer to use its site to "sell" even if it doesn't offer products...

... include with a mail-in catalog order), as well as honoring printed coupons via its \*electronic\* \*order\* \*form\* located on the site (fill in on-line order form with codes listed on printed...at your site from the inside out and start pumping some muscle into Web profits.

\*Author\* Affiliation:

Kellee K Harris, MBA, is owner and president of MarketSpark a sporting goods marketing...

**28/3, K/3 (Item 3 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
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01676103 03-27093

**Payment primer**

Strom, David

Computerworld v32n31 PP: 61 Aug 3, 1998

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 350

...TEXT: need to answer some questions. Do you assume that customers will want to pay with \*credit\* \*cards\*? That's the most popular method, although many merchants also offer other payment mechanisms. Those include faxed \*order\* \*forms\* and several \*electronic\*-cash payments such as CyberCash and First Virtual Holdings' VPIN. Although electronic-cash products have...

... Payment products vary in what they check after a shopper submits an order. Some match \*creditcard\* numbers with the address, some ensure that

the number isn't on a list of stolen or fraudulent cards, and others don't do more than a checksum of the \*credit\* \*card\* number itself.

What fees are involved? Some products, such as CyberCash's CashRegister, just charge...

...and have the ability to actually commit the funds to your account? Early versions of \*Verifone\* 's VPOS didn't, for example. That meant each order had to be submitted manually...

28/3, K/4 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01560452 02-11441  
The rest of the sale  
Dilger, Karen Abramic  
Manufacturing Systems v15n12 PP: 14-20 Dec 1997  
ISSN: 0748-948X JRNL CODE: MFS  
WORD COUNT: 1439

...ABSTRACT: the first product offering from Pandesic LLC. By partnering with about a half-dozen service \*providers\*, Pandesic offers a system that handles order processing, inventory management, materials management, tax issues, payment...

...TEXT: e., consumer, manufacturer, supplier, warehouse, and carrier. By partnering with about a half-dozen service \*providers\*, Pandesic offers a system that handles order processing, inventory management, materials management, tax issues, payment...

... and fail to streamline service," says Plug. "Some on-line bookstores, for example, are just \*electronic\* \*order\* \*forms\*-manual processes still are required. In some cases, users cannot tell whether or not product...

... electronic black hole. "Users can browse through a catalog, find a product, and input a \*credit\* \*card\* number, but they don't know if the company receives the order or whether or...

...automatic calculation of the appropriate sales tax.

Susan places her order on-line with a \*credit\* \*card\*, fills in a ship-to address and receives a freight rating. \*Credit\* \*card\* information is passed to the manufacturer's and Susan's respective banks for \*authorization\* and payment. A pick list prints at the warehouse, along with a bar code containing...complete solution because we don't need to worry about negotiating with vendors or integrating \*credit\* \*card\* processing with our system," he adds.

The system includes links to financial institutions and payment processors to support secure electronic transactions and \*credit\* \*card\* processing over the Web. With Citibank's global currency payment, national and international companies can...

... automatically to the customer. The intricacies of the transaction are invisible to the consumer."

UPS \*provides\* package tracking for the Pandesic Internet system, and plans to add rating and \*validation\* and address \*verification\* to the order process. Other independent software vendors contribute to the overall package, \*providing\* Web-based catalog systems and tax-calculation software.

Sidebar:

US. factory orders rose in September...

... of its Demand Chain Alliance (DCA) program, a team of leading systems integrators dedicated to \*providing\* worldwide services and customer support. As a DCA participant, Coopers & Lybrand's Solutions Thru Technology...

28/3, K/5 (Item 5 from file: 15)  
DIALOG(R) File 15: ABI/Inform(R)  
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01413258 00064245

**Trivia pursuit**

Parry, Peter; Cox, Andrew  
Supply Management v2n1 PP: 26-28 Jan 2, 1997  
ISSN: 1362-2021 JRNLD CODE: SMGT  
WORD COUNT: 2200

...ABSTRACT: and electronic data interchange. A purchasing card is similar but not identical to a personal \*credit\* \*card\*. A blanket order is a single order place with one supplier to cover a range...

...TEXT: all levels in the organisation.

In 1991, BOC analysed its purchases. The results (see box) \*confirm\* what it had long suspected: an enormous proportion of invoices are for relatively low value...

...orders.

**Corporate purchasing cards**

A purchasing card is similar but not identical to a personal \*credit\* \*card\*. It \*provides\* a different method for transaction processing and it is therefore an opportunity to re-engineer...

... to settle the account. As a purchasing card is actually a charge card, not a \*credit\* \*card\*, the account has to be settled in full at the end of each month.

The...

... attraction of such cards is that the purchases by-pass the conventional order processing and \*payment\* \*approval\* \*method\*. Of course, individual users will normally keep a log of their purchases against which to...

...by the card company.

This creates a control system which is very different from that \*provided\* by the purchase-order method. To a large extent, it is based on trust in that it \*allows\* employees to use their cards as they see fit within company guidelines. Transaction and credit...

...a single order placed with one supplier to cover a range of products. It may \*allow\* purchases up to a given overall value (say 20,000) or it may simply remain encourage the use of "preferred" suppliers with whom the company may have special discounts; \*allow\* the professional buyer to set up the overall deal while the end users call off...

...It then invoices the customer for the stock that has been used.

These contracts can \*provide\* the ideal solution for items such as machinery spares which are of relatively low cost...

... very least, give the customer access to the supplier's stock levels and may also \*allow\* it to access the supplier's production schedules. The term EDI, however, is used loosely...

...who has EDI systems installed. A different software package will require "translation" packages that can \*prove\* costly and time consuming to set up. The Internet and the future

Today, most people...

... service called Barclays Square. This consisted of a virtual shopping mall on the Internet. It \*allows\* access to the product of certain well-known retailers with sites on the "mall". Customers browse and, with their \*credit\* \*cards\*, make purchases. Similarly, a number of companies, some of them working together as consortia, are...

... business-to-business purchasing systems using the Internet. Barclays is also pioneering Barclays Purchase Online, which \*allows\* suppliers to put their catalogues on the Internet as "yellow pages". A customer's choice is entered onto an \*electronic\* \*order\* \*form\* which is then transmitted to the supplier. A high level of encryption ensures security in...stock availability at any given supplier. In parallel with this, efforts are under way to \*provide\* a direct link from the purchasing element of the package to the buyer's general...

...may not be far off. SW

(Table Omitted)

Captioned as: BOC INVOICE PROFILE

(Photograph Omitted)

\*Author\* Affiliation:

Peter Parry is a partner with Sterling Management Consultants and Professor Andrew Cox is...

28/3,K/6 (Item 6 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01351344 00-02331  
Commerce demands cooperation  
Carr, Jim  
InfoWorld v19n1 PP: 45-46 Jan 6, 1997  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 1938

...ABSTRACT: are more important than the hardware and software the storefront resides on. Many organizations have \*acknowledged\* the need for cooperation with sales, marketing, and graphics personnel. IT managers face the critical...

...of their e-commerce-related resources. Building an electronic storefront from scratch includes developing online \*order\* \*forms\*; an \*electronic\*

shopping cart that \*allows\* shoppers to buy multiple items; an online catalog, or product database; and secure transaction-handling...  
...TEXT: Web commerce operations entirely out of IT and into its marketing department. Other organizations have \*acknowledged\* the need for cooperation with sales, marketing, and graphics personnel.

LETTING GO. IT managers face...

...IT personnel access to IT resources.

"One of the things we're wrestling with is \*providing\* a maximum amount of flexibility for our marketing and advertising departments, while at the same time \*providing\* a site that's bulletproof," says Steve San Marchi, CIO of UCLA Store, in Westwood...

...and marketing personnel have complete access to static information, such as Web pages and graphics, \*allowing\* them to change just about any aspect of the storefront's look and feel.

"Ideally...

... hardware and communications facilities, however, are handled solely by UCLA Store's IT personnel. This \*allows\* UCLA Store to keep the site secure while eliminating potential problems that nontechnical users might...  
...full report on Web site outsourcing.)

Building an electronic storefront from scratch includes developing online \*order\* \*forms\*; an \*electronic\* "shopping cart" that \*allows\* shoppers to buy multiple items; an online catalog, or product database; and secure transaction-handling... such as Microsoft's Merchant Server, Netscape's Enterprise Server, and iCat's Commerce Suite \*provide\* all the components necessary to build an e-commerce site.

iCat's Commerce Suite, which sells for \$1,500, \*allows\* companies to get up and running quickly and inexpensively, often for less than \$40,000...

...the Web for as little as \$15,000.

Low-cost products such as iCat's \*allow\* companies to spend their money developing graphics to make their site more compelling or easier...

... with orders from 10-year-olds with online shopping habits that far outstrip their weekly \*allowances\*, make sure browserchallenged America Online users can shop on your Web site, or handle orders from international shoppers using non-U.S. \*credit\* \*cards\*, such as the EuroCard, or shoppers without \*credit\* \*cards\* at all?

How online merchants deal with the unexpected can mean the difference between success...

... real gotcha Dakin Farm encountered: "We were very focused on developing our shopping card and \*credit\* \*card\* capabilities, but then we discovered that there are many browsers that could not tap into..."

... WWF). His customer base includes a preponderance of teenage boys, who are unlikely to use \*credit\* \*cards\* to pay for Webbased purchases.

Hoffmann solved this by adding an option for paying by...

...quickly discover that it won't be business as usual.

(Illustration Omitted)

Captioned as: Online \*credit\* \*card\* transaction using CyberCash

\*Author\* Affiliation:

28/3, K/7 (Item 7 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01260877 99-10273

**Replacement marketing**

Cristol, Steven M; Sealey, Peter

Marketing Management v5n1 PP: 12-17+ Spring 1996

ISSN: 1061-3846 JRNL CODE: MMA

WORD COUNT: 4947

...TEXT: the positioning and packaging of those choices. For example, technology pundits only recently began to \*acknowledge\* that the much-hyped SOO-channel information superhighway is not what the consumer wants. The...

... yet another monthly charge to monitor even if you're automatically billing them to your \*credit\* \*card\* (or another monthly check to write if you're not), another new way to spend...

...the "replacement" category.

As an example, let's use the experience of one of the \*authors\* as an America Online customer. I no longer subscribe to three occasionally read magazines because... individual securities if you can choose one amalgam that, beyond spreading your risk through diversification, \*allows\* you to track your investment by checking one quote, examining one line item on your...

... the San Francisco Federal Reserve Bank, who knows a thing or two about investing, recently \*acknowledged\* in an interview that his personal portfolio is mostly comprised of mutual funds simply because...

... electronically while in the Intuit application by clicking on an icon and filling out an \*electronic\* \*order\* \*form\*. Added to this, Quicken will keep your financial records in income-tax-friendly format for...to \$31,000, sales increased 60% in one year as buyers who were previously excluded \*allowed\* their future brand of choice to become their present brand of choice.

(Chart Omitted)

This...

... through a new advertising style that made the brand more approachable and less ivory-tower, \*allowed\* more (and especially younger) consumers to consolidate, or simplify, their brand relationship in this important category. It \*allowed\* them to become a customer of a brand that they need never "outgrow" as they...

... pure, or traditional, systems integration, in which the integrator doesn't actually manufacture products but \*provides\* expertise, service, and support for solutions created from repackaging the products of other companies. We...

... integrated multivendor solution, the company became TV4's single point of contact and "full-service \*provider\*." Beyond dramatically simplifying TV4's challenge, Tektronix has more access to an important customer and...

...financial requirements of the enterprise.

To fill this void, Powell repackaged his recruiting services to \*provide\* a complete "financial services package" that included "leasing" a chief financial officer, supporting financial and...

... be conscious of its impact on overchoice. In the replacement marketing context, replenish simply means \*providing\* a continuous supply of zero-defect products or services to the customer base at price points that won't \*provoke\* defection. The basic premise is simplification: The consumer makes a brand decision once, and they make a contract with that \*provider\* to monitor your car and perform all scheduled maintenance on time and by the book...

... permanently tuned out. In this way, replenishment is one antidote to what noted brand-equity \*authority\* Peter Farquhar calls "brand blindness," which he defines as customers becoming so confused by the...

... are loyal and which have a zero-defect replenish track record with you. Your distributor \*provider\* will make a simple promise: Your household supply of these essentials will be continually replaced...

... is delivered directly to their home in a specified time window and billed to their \*credit\* \*card\*. Is it much of a leap from this to envision the day when, instead of... in White Plains, and the software agent instantaneously "bids" your call to four long-distance \*providers\* and \*accepts\* the lowest bid. If Sprint's network is underutilized at that moment, but MCI's...

... exactly how much risk to incur before they would sell an advance-purchase seat or \*accept\* a frequent-flier award redemption.

At least one major hotel operator in Orlando is now...

... as bread becomes day-old or salad dressing approaches its expiration date. As enabling technologies \*allow\* easier real-time adjustments in pricing, retailers will be able to promise value to their...

... perfect precision, we instead should choose a solution that "satisfices," or reaches our standards of \*acceptability\*.

And consumers are no different in this respect. As life stress increasingly causes bounded rationality...

... be the arrow in the quiver that lets marketers help customers balance choices and limits.

\*Author\* Affiliation: About the \*Authors\*

Steven Cristol is a San Francisco-based Brand Strategist, consulting with Fortune 500 technology companies...

28/3, K/8 (Item 8 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01099626 97-49020

Karen Lehman EIC 3600 10-Nov-03

**Piling up the virtual money**

Gibbs, Mark  
Network World v12n37 PP: SS17-SS22 Sep 11, 1995  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 1939

TEXT: There's an old Scottish \*proverb\*: "Money is flat and meant to be piled up."

That's simple enough when you...

...financial transactions -- a tangled knot of problems that runs the gamut from the technical (actually \*verifying\* transactions) to the socially and legally thorny issue of ensuring customer privacy.

Going into solutions...

... takes place every day on private value-added networks (VAN) and the on-line services \*provided\* by such companies as CompuServe, Inc. and America Online, Inc.

For VANs, there is little problem in establishing \*acceptable\* protocols and guaranteeing privacy and security. The on-line services \*provide\* a similar closed environment where risk is minimized and a methodology for buying and selling...

... shapes on the Internet, multiple payment mechanisms will be needed. For example, a technology that \*allows\* merchants to profitably charge less than a dollar will be as important to the future...

... or some information from a database. These microtransactions aren't really feasible using today's \*credit\* \*cards\*, with their associated transaction fees. But the first challenge to solve is how to securely...

... is too slow and inflexible for de-scale electronic commerce. More important, it doesn't \*provide\* the instant gratification required for casual purchases on-line. If a cruising customer has...

...will cost you business.

Some other sellers ask consumers to take the risk of sending \*credit\* \*card\* data across the Internet. The risk is probably . less than most people believe, but the...  
...loom ever larger.

Another approach is to show your products on the 'Net and then \*allow\* customers to call an 800 number to complete the order. Grant's Florists (<http://florist.com/flowers/> flowers.html) states on its \*electronic\* \*order\* \*form\* that it believes sending a \*credit\* \*card\* number across the network is safe. But for wary customers, the company \*provides\* an 800 number that can be used to complete the transaction.

The problem: Toll-free...

... expensive. And like the other off-line approaches, it really just sidesteps the challenge of \*providing\* a secure and reliable means for customers to communicate with merchants and transfer funds.

Snoop...

...SSL).

Until this spring, a religious war was waged over which technology should become the \*accepted\* standard.

Curiously, the alternatives are not mutually exclusive. In fact, they offer similar services, such as client and/or server \*authentication\* and end-to-end encryption of data.

The battle for dominance came to an abrupt...

... company with Terisa founders Enterprise Integration Technologies, Inc. and RSA Data Security, Inc.

Terisa will \*provide\* a developers' tool kit that combines support for both of the existing protocols.

The importance... technologies ensure that an information transfer, which could concern money or sensitive information, is auditable, \*verifiable\*, protected against fraud and, ideally, supports anonymity.

A variety of companies are working on digital...

... actual exchange of real, physical money is done in the same way that check and \*credit\* \*cards\* are handled today.

The Ecash technology is quite complex. It is based on digital...

... the note, ensuring that when it is returned by a vendor, its validity can be \*confirmed\*. Once a merchant receives the note, it can \*confirm\* the authenticity of the note using the bank's public key, after the note is...

... partnership with First Data Card Services Group's Electronic Funds Services, the world's largest \*credit\* \*card\* payment processor. The agreement will enable banks to help on-line merchants and users worldwide by \*providing\* real-time on-line card \*authorizations\*. This will \*allow\* consumers to purchase goods via the 'Net using any major \*credit\* \*card\*.

It should come as no surprise that Microsoft Corp. is also developing a position in...

... While Netscape and First Data were getting together, Microsoft teamed with Visa International, Inc. to \*provide\* functionally identical services aimed at an even broader market that may even include sales a...

...hardware required?

\* Does the system support micropayments (transactions of less than \$1)?

\* Does it support \*credit\* \*card\* and/or debit transactions?

\* Where does the responsibility for accounting lie? With the merchant or...

28/3,K/9 (Item 9 from file: 15)  
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01019137 96-68530  
**Selling in cyberspace**  
Gelormine, Vince  
Success v42n4 PP: 61-68 May 1995  
ISSN: 0745-2489 JRNL CODE: SCS  
WORD COUNT: 5132

...ABSTRACT: sophistication that many companies lack. Companies may first

need to find a commercial Web service \*provider\*. Advertising one's storefront on the Web can be done through: 1. announcement mailing lists

...TEXT: a general audience with more limited computer skills. For the consumer, the World Wide Web \*provides\* a quick and easy way to find products and services. With the help of a...

...shops are open 24 hours a day, 365 days a year; and on-line ordering \*provides\* a mechanism for easy impulse buying.

How is the Web being improved for business?

With the advent of improved searching software, on-line order forms, and security for \*credit\*-\*card\* transactions, the Web is becoming an ever-more attractive method for small companies and entrepreneurs...

... Serial Line Internet Protocol) or PPP (Point-to-point Protocol) account from an Internet service \*provider\*. Charges vary from \$20 to \$40 per month. Once you have the proper account, you...

... technical talk is beginning to scare you, fear not. Soon all Internet software packages will \*provide\* one-click access to the World Wide Web.

What is a Web Page?

A page... set of Web pages housed somewhere on the Internet, you can get other sites to \*provide\* a link to you on one of their pages. Internet users who visit their site...

... sophistication that many companies lack. You may first need to find a commercial Web service \*provider\* -- a company that can create a Web site for you or lease you one to...

... the Internet still consists primarily of niche markets, you may want to approach a Web \*provider\* that targets a specific market. These niche sites often charge a fee that is higher...

... the tenant. (See The Internet Marketing BlackBook for a comprehensive listing of commercial Web service \*providers\*.)

How will potential customers find my storefront?

Once you're on-line, you'll be...

... presence on the Web has an "address" (URL). If you are renting space from a \*provider\*, he may supply some advertising for you. You can advertise your URL through:

\* Announcement mailing...

...to your business.

\* Relevant Usenet newsgroups.

\* Other Web servers. Some services offer low prices to \*provide\* you a listing on their home page or mail. Interested users can click on your...

... draw people to your site. Then update and add information to keep them coming back. \*Provide\* HyperLinks to sites elsewhere that contain other related information. Of course, you'll have to...may find a new market.

There are also thousands of Internet mailing lists that can \*prove\* an invaluable tool for advertising your product or service. Like Usenet

newsgroups, these lists are...

...I can get listed on for FREE?

Yes. Here are some companies and directories that \*provide\* listings:

When you access these sites, there is an on-line form to add your...  
... the Internet who can bring your on-line business to a crashing halt if you \*provoke\* them with unwanted e-mail. Perhaps the most famous spamming incident occurred when two Arizona...

... supplier's number and calls him on the telephone. The deal is closed with a \*credit\* \*card\* or check. If the supplier has an \*electronic\* \*order\* \*form\*, then the consumer can download it into his home computer, print it out, and fax...

... a small minority of sales are conducted electronically. Some brave consumers purchase goods with their \*credit\* \*cards\* using e-mail, which is vulnerable to interception by unscrupulous hackers, as are World Wide...

... electronic payments will become safer to use. One day, consumers will send their encrypted (scrambled) \*credit\* \*card\* data through cyberspace with little fear that it will be intercepted by an unauthorized party. In a further development, electronic money will \*allow\* on-line commerce between businesses and individuals that don't or can't \*accept\* \*credit\* \*cards\*.

#### YOUR ON-LINE MARKETING ACTION PLAN

1) Define your target market:

\* Interests. If you're...at a variety of virtual storefronts.

7) Find out what kind of advertising activities are \*acceptable\* in your chosen areas.

\* Internet: Most Internet mailing lists and Usenet newsgroups have an FAQ  
...

...permitted.

\* On-line Consumer Services:

Each of the consumer on-line services (CompuServe, AOL, etc.) \*provides\* businesses with a list of guidelines and prices for classified ads. Employees of the service...

...own electronic materials.

\* Possibilities: Text brochures, prices lists, catalogs, free special reports, newsletters. Web service \*providers\* can often help you design your own virtual storefront.

9) Decide how you want to be contacted and paid.

\* Options: check, \*credit\* \*card\*, cash, money order, electronic cash. And decide if you want to receive it via e...

... Internet Expo Conference feature three comprehensive conferences, held simultaneously, examining: Building Webs: Access and Information \*Providers\* ; Living in the Web: User Perspectives; and Weaving in Information Space: Developing Web Environments.

Price...

your Web site. Price...

...Gopher: gopher.wwa.com

Marketing methods offered: Gopher, mailbot, WWW.

On-line ordering capability: Yes.

\*Provides\* consulting services: Yes.

Description of business and services offered: WorldWide Access is a full-service Internet \*provider\*. It can help you put your company on the Internet and develop custom software to...

...WWW URL: <http://www.cybermalls.com/> Marketing methods offered: WWW.

On-line ordering capability: Yes.

\*Provides\* consulting services: Yes.

Description of business and services offered: CyberMalls creates and manages electronic shopping...

28/3, K/10 (Item 10 from file: 15)  
DIALOG(R) File 15: ABI/Inform(R)  
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01011609 96-61002

**The missing link**

Reisman, Richard R  
CD-ROM Professional v8n4 PP: 66-74 Apr 1995  
ISSN: 1049-0833 JRNL CODE: LDP  
WORD COUNT: 4192

...TEXT: NEED FOR HYBRIDS Ease of use for CD-ROM is unparalleled, and because CD-ROM \*provides\* speed and high capacity, custom-designed user interfaces can readily be applied to simplify data...

... Consumer online services generally run about \$10 per month, while also billing to an open \*credit\* \*card\* additional charges based on time used. They typically average about \$20 per month. Business online...

... their user interfaces tend toward rigidity and are by and large less enticing than those \*provided\* with the better CD-ROM products. Current developments are gradually permitting more attractive and tailored...

... developing mechanisms to work with supplementary multimedia content on CD-ROM, and CD-ROM titles \*providing\* online access support for downloading update information. In the online-oriented model, supplemental CDs can... may stand a better chance of solving the access problem, through embedded communications modules that \*allow\* a user to retrieve updated information from a remote service, going online only when needed...

...has begun to enter the mainstream, as with Microsoft's Complete Baseball CD-ROM, which \*allows\* retrieval of a Baseball Daily newsletter. Other consumer CD-ROM titles are in development, such...

...task.

In keeping with its strategy of complementing existing players, Teleshuttle is working with major \*authoring\* and database search software vendors to

...ROM/online hybrid approach to network-enabled applications. Simple fetch functions can be combined to \*provide\* very powerful, open ended interactions. A CD can have a starter list of additional materials...order, but the hybrid technology supports the few mouse clicks needed to fill out an \*electronic\* \*order\* \*form\* and transmit it into the central server. In simplest form, these electronic orders would go...

... diskette-based product such as a newsletter or an information-on-demand application can simply \*provide\* a browser program with an embedded transporter module that fetches information when desired. Indeed, several  
...  
...for huge update content.

Other issues include the design of the product control program or \*authoring\* tools. Some \*authoring\* packages offer powerful search and control capabilities appropriate for exploiting hybrids. Custom programming, while difficult...

... ROM of the World Health Organization's International Digest of Health Legislation (IDHL). This disc \*provides\* users worldwide with quarterly updates to WHO's 10,000-page infobase. The IDHL CD-ROM works with Folio Views, and is fully-integrated to use this \*authoring\* and retrieval software's shadow file capability to combine updates with full-text searching. Additional... of extensions beyond the basic shuttle transport function of sending and fetching, but which, while \*providing\* more advanced online functions, will still retain the idea of embedding the online activity as...

... information delivery operations for the Standard & Poor's unit of McGraw-Hill.

Communications to the \*author\* may be addressed to Teleshuttle Corporation, 799 Broadway, New York, NY 10003; 212/673-0225...

28/3, K/11 (Item 11 from file: 15)  
DIALOG(R) File 15: ABI/Inform(R)  
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00942165 95-91557  
WWW-based catalog will \*allow\* comparison shopping  
Gaffin, Adam  
Network World v11n47 PP: 48 Nov 21, 1994  
ISSN: 0887-7661 JRNL CODE: NWW  
WORD COUNT: 591

WWW-based catalog will \*allow\* comparison shopping

...ABSTRACT: that will eventually let computer purchasers compare offerings from various vendors and then complete an \*electronic\* \*order\* \*form\* to buy their preferred products. Power Buyer will consist of SQL Server and WWW software...

...TEXT: that will eventually let computer purchasers compare offerings from various vendors and then complete an \*electronic\* \*order\* \*form\* to buy their preferred products.

The WWW is a set of server-based databases--connected...

...based browsing software such as Mosaic.

OCM hopes to attract a variety of vendors to \*provide\* product information for its initial WWW-based service, dubbed Power Buyer, which is set to...

... to vendors because OCM has yet to settle on a particular method for encrypting and \*authenticating\* incoming orders via the Internet, Reske said.

In general, the Internet market has yet to...

...hopes to chose one of these methods within the next three months.

In addition to providing the product catalog, OCM will sell space on its WWW server to other firms. The...

... previously known as Mosaic Communications Corp., last week announced a deal with an Omaha, Neb., \*credit\* \*card\* company to \*provide\* electronic commerce services to users of Netscape's World-Wide Web (WWW) client and server...

...build electronic commerce applications on the 'Net.

Netscape sells RSA-enabled servers on which to \*provide\* WWW documents and is now giving away WWW clients that can connect to those servers...

... deal, users of the client software will be able to send encrypted order forms and \*credit\* \*card\* data by clicking on a button, and WWW server \*providers\* will be able to \*authenticate\* the identity of people submitting orders. First Data will then act as a financial clearing...

28/3, K/12 (Item 12 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00932591 95-81983  
High-tech solutions that aren't high cost  
Evans, David  
Money v23n11 PP: 120-125 Nov 1994  
ISSN: 0149-4953 JRNL CODE: MON  
WORD COUNT: 1414

...TEXT: look at Jeff Katz's solution. Katz, a New York City-based executive for a \*credit\*-\*card\* services company, badly needed some way to trade documents with colleagues in offices across the...his first fax machine only 10 months ago. But he pays a local Internet service \*provider\* \$75 or so a month to put what amounts to an advertisement on a subsection

... his electronic store are shown an array of possible arrangements--in color--along with an \*electronic\* \*order\* \*form\*. Grant fills the orders in his area and passes the rest to FTD/Mercury, the...

28/3, K/13 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2206810 Supplier Number: 02206810 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**INFORMATION TECHNOLOGY: Partners in cyberspace**  
(The market for Electronic Data Interchange services will grow at a rate of  
24%/yr to reach nearly \$2.4 bil in the year 2002)  
Asian Review of Business & Technology, p N/A

August 01, 1998

DOCUMENT TYPE: Journal ISSN: 0956-3784 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 831

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...market, and Sterling Commerce serves 17.1% of all EDI subscribers. These three organization combined \*provide\* network services to more than 60% of the world-wide EDI subscriber base. ...

TEXT:

...laid down in the 1980s for the format of documents such as invoices, statements and \*order\* \*forms\* sent \*electronically\*. Now EDI is set to undergo a period of evolution as it adopts to the...

...manufacturing, transportation, and retail, approach the point of complete EDI saturation, many of the service \*providers\* are beginning to target new areas. Areas now being integrated are high technology, health care and government administration.

EDI service \*providers\* do not see their business being superseded by the Internet, particularly when it comes to...

...secure. Customer confidence is no longer an issue. In the CPC system, accounting information and \*credit\* \*card\* details are protected by the use of a 40-bit encryption code.

Businesses that need...

...While the Internet has yet to significantly contribute to the overall revenue of EDI service \*providers\*, it is expected to do so over the next few years.

The world-wide market...

...Internet will also have a beneficial effect upon the hardware business. EDI value added network \*providers\* see the Internet as offering an opportunity for them to install more computer hubs among...

...Sterling Commerce serves 17.1 per cent of all EDI subscribers. These three organisation combined \*provide\* network services to more than 60 per cent of the world-wide EDI subscriber base. ...

28/3, K/14 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1565266 Supplier Number: 01565266

IBM CANADA UNVEILS ON-LINE MALL

(IBM Canada's prototype of on-line mall called World Avenue will \*provide\* on-line shoppers with secured processing of \*credit\* \*card\* transactions)

Globe & Mail, p B4

June 12, 1996

DOCUMENT TYPE: Regional Newspaper ISSN: 0319-0714 (Canada)

LANGUAGE: English RECORD TYPE: Abstract

(IBM Canada's prototype of on-line mall called World Avenue will \*provide\*

on-line shoppers with secured processing of \*credit\* \*card\* transactions)

ABSTRACT:

...Ontario) has launched a prototype of its on-line mall called World Avenue which will \*provide\* on-line shoppers with secured processing of \*credit\* \*card\* transactions. The mall will be introduced in North America this fall with 20 retailer participants...

...OH). Another 30 retailers are expected to join by the fall of 1997. To prevent \*credit\* \*card\* fraud, \*electronic\* \*order\* \*forms\* containing \*credit\* \*card\* numbers are scrambled using encryption technology. Each member retailer, which will have an area within...

...PRODUCT NAMES: On-line service \*providers\* (737500)

28/3, K/15 (Item 3 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
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1553850 Supplier Number: 01553850 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Checking Out On the Internet  
(Americans wrote an estimated 67 bil checks in 1995, with 17 bil coming at the point of sale)  
Financial Service ONLINE, p 61+  
May 1996  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2127

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Plans are for checks to be generated from electronic "checkbooks" using a PC card, a \*creditcard\* sized piece of hardware that plugs into the consumer's PC. Most likely these cards will be \*provided\* by a consumer's bank. The checkbooks contain checks, an electronic register, and the cryptographic...

...is to extend the existing, familiar payment system to enable electronic commerce over public networks, \*providing\* a cost-effective, secure alternative to credit-based transactions," explains John Doggett, FSTC project director...

...Neither Doggett, Jaffe nor any other banker will estimate how cost-effective electronic checks will \*prove\*. Cost really hasn't been much of a consideration; technical feasibility has been FSTC's...

...mutual fund or broker. The software resides on the customer's computer hard drive and \*authenticates\* that each transaction request originates from the appropriate customer's computer. Attempts to copy the software to another computer automatically disable it.

Once the software is loaded, each customer \*provides\* Netl with necessary checking account information, off-line; that information is coded by Netl and Internet and therefore can't be compromised," says Saxton.

But Netl has yet to \*prove\* NetChex can work in a live environment. Saxton hopes to have a commercial release of...

...negotiated in the form of paper drafts. Like NetChex, Secure Pay

requires a consumer to \*provide\* the magnetic ink character recognition line data that identifies the checking account prior to any use of the \*payment\* \*method\* -- the information is \*provided\* via a secure Web site maintained by Redi-Check or offline through the mail, and...

...Check

Registered consumers then have the option to click on a check icon on the \*electronic\* \*order\* \*form\* when shopping along the Internet, which connects them to Redi-Check. Once instructed to issue...

...confidence in his product, Sumsion does not believe that Secure Pay will emerge as the \*payment\* \*method\* of choice in Internet shopping. But he's hopeful it will survive as one of...

...In fact, we recommend to our clients that they use all possible payment systems, including \*credit\* \*cards\* and e-cash."

E-cash, however, raises grave concerns with some proponents of Internet commerce...

...the plant," says Netl's Saxton.

Money Laundering

In the U.S., e-cash, if \*allowed\* to flourish, could sound alarms in regulatory and law enforcement circles says Charles Watt, chief...

...Checks will become the dominant approach for anything other than small-dollar transactions," he says. \*Credit\* \*cards\*, he suggests, at an average cost to merchants of 2.5% of the purchase, will...

...scare off many cost-conscious merchants.

Check transactions, though, may not be much cheaper than \*credit\* \*card\* transactions are for merchants. The 2% merchant fee quoted by Sumsion mirrors closely the fee...

...to make a transaction," he says. It's at least as safe as giving a \*credit\* \*card\* number over the Internet, \*provided\* both are using commonly-\*accepted\* public key encryption techniques, he adds.

Check Rejects

Although Stewart stops short ...checks. But so, too, will customer convenience. And for many consumers, the check is a \*method\* of \*payment\* they like to use.

"People like the feel of the check. The feel of the...

...PRODUCT NAMES: On-line service \*providers\* (737500)

28/3,K/16 (Item 4 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1393981 Supplier Number: 01393981 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Lotusphere - More On Lotus eApps For Notes/Web  
(Lotus has launches Lotus Notes:Newsstand on the Web and plans to unveil 4 more eApps products)  
Newsbytes News Network, p N/A  
January 30, 1996

DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 940

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...slated for availability in February, Lotus's new Notes/Web-based publishing service will be \*provided\* by Lotus over an architecture that includes a Notes server, an HTTP (hypertext transport protocol...)

...on the Lotus home page and submitting a subscription form. After the subscription has been \*approved\*, the user will be sent a URL (uniform resource locator) for accessing the publication on...

...as they can today with regular "Newsstand" publications. The four forthcoming eApps from Lotus will \*provide\* customers with mix-and-match tools for building on-site, server-based services for publishing...

TEXT:

...slated for availability in February, Lotus's new Notes/Web-based publishing service will be \*provided\* by Lotus over an architecture that includes a Notes server, an HTTP (hypertext transport protocol...)

...on the Lotus home page and submitting a subscription form. After the subscription has been \*approved\*, the user will be sent a URL (uniform resource locator) for accessing the publication on...

...as they can today with regular "Newsstand" publications.

The four forthcoming eApps from Lotus will \*provide\* customers with "mix-and-match" tools for building on-site, server-based services for publishing...

...browser or any of the three versions of the Notes client.

The "full Notes client" \*allows\* for applications development. The "desktop client" is a run-time version that performs most of...

...threaded discussions between users of Notes clients and Web browsers, while also permitting development of \*electronic\* \*order\* \*forms\* that can be filled out on either Notes or the Web for automatic submission to...

...Lotus also intends to offer building blocks for subscription management, security, and electronic payment by \*credit\* \*card\*, according to Dougherty. The security module will \*allow\* storage and \*verification\* of Web browser registration and password information in Notes databases.

The electronic payment building block...

...PRODUCT NAMES: On-line service \*providers\* (737500)

28/3, K/17 (Item 5 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1301954 Supplier Number: 01301954  
MCI Selling Prepaid Cards on the Internet  
(MCI Communications Corp is marketing prepaid telephone calling cards via  
the Internet)  
American Banker, v CLX, n 190, p 17

October 03, 1995

DOCUMENT TYPE: Journal ISSN: 0002-7561 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...as collectibles. Consumers access the MCI Store in marketplaceMCI on the Internet, fill out an \*electronic\* \*order\* \*form\* and pay by \*credit\* \*card\*. MCI's Internet browser software encrypts the \*credit\* \*card\* transaction in order to \*provide\* protection from unauthorized viewers.

...

28/3,K/18 (Item 6 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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1139909 Supplier Number: 01139909 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Sony Opens Umbrella Of Online Services: Various Sites Designed To Be Unique, Yet Linked**

(Sony Corp is offering a World Wide Web site for all of its operating companies, with a separate area for each unit)

Billboard, p 68

March 04, 1995

DOCUMENT TYPE: Journal ISSN: 0006-2510 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 558

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...Sony Pictures, which will highlight film- and TV-related properties; and Sony Electronics, which will \*provide\* a catalog of Sony products.

...

TEXT:

...a shopping list as they browse through the pages' offerings and then fill in an \*electronic\* \*order\* \*form\* to fax to Sony -- or call an 800 number. Actual online order processing awaits resolution of some \*credit\*- \*card\* security issued, according to company executive.

Also due soon are a Sony Pictures area, which...

28/3,K/19 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01902080 SUPPLIER NUMBER: 17983571 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Insight Enterprises reaping benefits of electronic transactions. (Insight Enterprises, Computer Marketplace offer Web-based computer component sales) (Company Business and Marketing)**

Electronic Marketplace Report, v10, n3, p5(1)

Feb 6, 1996

ISSN: 1071-247X LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 599 LINE COUNT: 00052

... see the Web site replacing Insight's standard print catalog in the future, it is \*proving\* to be a valuable customer acquisition tool. "While print will always stay huge, we're...

...to hamper merchants attempting to sell over the Web. To allay user fears, Computer Marketplace \*allows\* customers to order from the Web site in several different ways, according to Kaufman.

Customers...

...Commerce Server, which tells customers when it is safe to transmit sensitive data such as \*credit\* \*card\* numbers. Orders may also be placed through an 800 number listed on the Web site. Most interestingly, however, is the fact that Computer Marketplace offers an \*electronic\* \*order\* \*form\* that users may print off the site and then fax directly to the company.

Business...

28/3, K/20 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01851082 SUPPLIER NUMBER: 17408554 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Prepaid calling: MCI launches prepaid card sales on the Internet at  
marketplaceMCI.  
EDGE, on & about AT&T, v10, n373, p27(1)  
Sep 18, 1995  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 511 LINE COUNT: 00048

TEXT:

MCI Telecommunications is bringing the simplicity and convenience \*provided\* by its MCI PrePaid long distance telephone calling cards to customers in Cyberspace.

... by entering the MCI Store in marketplaceMCI, clicking on specific card(s) and completing an \*electronic\* \*order\* \*form\*. MCI's Internet browser software executes an encrypted \*credit\* \*card\* transaction, ensuring that the calling card order is secure and free from possible electronic eavesdropping...

...Exclusive to MCI's PrePaid Card is it's newest feature, Traveler's Assist, which \*allows\* callers to access a database of information including weather, hotel and restaurant recommendations. "Americana" cards

...business to become the world's third largest carrier of international calling and a premier \*provider\* of data communications over the vast Internet computer network. With annual revenue of more than 3.3 billion, the company today \*provides\* a wide array of consumer and business long distance and local services, data and video...

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01629066 SUPPLIER NUMBER: 14814743 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Try before you buy software apps CD from Apple. (applications)  
Rohrbough, Linda  
Newsbytes, NEW10110028  
Oct 11, 1993  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 627 LINE COUNT: 00048

Apple's Software Dispatch division will handle 800 number calls from users who, after \*providing\* a \*credit\* \*card\* number to purchase the

software, can unlock applications on the Software Dispatch CD-ROM disc...

...may select the software by clicking on a button that adds the title to an \*electronic\* \*order\* \*form\*.

Once purchased, the \*electronic\* key immediately \*allows\* installation from the CD to the hard disk and a full set of product documentation...

...has 23 Microsoft programs on it available for users to purchase over the phone.

"By \*allowing\* customers to try before they buy, Software Dispatch helps the customer make a more informed...

**28/3, K/22 (Item 4 from file: 275)**  
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01588014      SUPPLIER NUMBER: 13472958      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
New online service lets you browse through electronic books. (Online  
Bookstore from Editorial Inc.) (Brief Article) (Product Announcement)  
Strattner, Anthony  
Computer Shopper, v13, n4, p64(1)  
April, 1993  
DOCUMENT TYPE: Product Announcement      ISSN: 0886-0556      LANGUAGE:  
ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 217      LINE COUNT: 00017

... is possible to buy the "real" book directly from the publisher by punching in your \*credit\* \*card\* number and address on an \*electronic\* \*order\* \*form\*.

While online book services have been around awhile, the texts are typically old enough to be public domain. This avoids the complicated process of compensating \*authors\* and publishers for their "electronic rights" to current titles, a critical problem that Editorial Inc...

...titles have a full-color cover and interior photos, as well as information for contacting \*authors\* online. Editorial Inc. is working with a company called Software Tool & Die [(617) 739-0202] to \*provide\* access to Internet. For those already connected, The Online Bookstore's E-mail address is...

**28/3, K/23 (Item 1 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod. Annou. (R)  
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01520416      Supplier Number: 47304815      (USE FORMAT 7 FOR FULLTEXT)  
GeoMedia Services opens GIS data to the British public.  
Business Wire, p04170125  
April 17, 1997  
Language: English      Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 652

... then browse through details of the available data, decide what they want, and complete an \*electronic\* \*order\* \*form\* on-screen.

GeoMedia Services will access the required data from the various \*providers\* and assemble it on the server using Intergraph's GeoMedia Web Map software. The data...

...a small converter to the PC.

Intergraph's GeoMedia is a revolutionary new product that \*allows\* users to integrate and use GIS data from all major formats. Because GeoMedia was designed...

...anyone familiar with Windows.

Intergraph and satellite systems engineers, ESYS, have developed a solution that \*allows\* data to be accessed by satellite as fast as it could be accessed from a...

...insurance services.

GeoMedia Services clients will be able to pay for information online using a \*credit\* \*card\* or by setting up an account. Internet users without access to real-time satellite technology...

...Technical applications include computer-aided design, engineering, analysis, manufacturing, publishing and earth sciences. ISS also \*provides\* core system software, high-end applications, and training, consulting and implementation services.

Intergraph, the Intergraph...

28/3, K/24 (Item 2 from file: 621)  
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01375727 Supplier Number: 46343342 (USE FORMAT 7 FOR FULLTEXT)  
SBT'S WEBTRADER NOW INTEGRATED WITH SAQQARA'S STEP SEARCH

PR Newswire, p0430SFTU017

April 30, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 690

... and transaction package, WebTrader, will integrate with SAQQARA System's Step Search, an online catalog \*authoring\* and publishing tool. The combined product can be used by retailers, wholesalers, manufacturers - anyone who...

...the catalog is always current, and always available to millions of buyers."

WebTrader also encrypts \*credit\* \*card\* numbers and other sensitive data, so customers are protected.

"Linking a live database to the...

...Swenson, President and COO of SAQQARA Systems.

WebTrader is the most widely-installed application that \*allows\* businesses to create an \*electronic\* storefront with \*order\* \*forms\* for products or services on the Web. It automatically processes the orders and sends the customer \*confirmation\* via e-mail. WebTrader initiates and completes the sales process by \*providing\* a direct, instantaneous connection between vendor and customer.

Step Search for Windows NT sells for...

...can be purchased through SBT Internet Business Consultants (IBC) who install and configure WebTrader and \*provide\* clients with the SAQQARA Step Search system. IBCs can customize and modify the WebTrader application...

...486 66Mhz or higher computer, 12 Mb of RAM, an account with a major Internet \*provider\*, Windows 3.1 or higher, a 14.4 modem, and an Internet mail connection.

With...

...Business Accountant. The Internet Systems Division includes WebSeries, a suite of Internet tools designed to \*allow\* companies to conduct business transactions via the World Wide Web,

SAQQARA Systems was founded in July, 1995, to be the leading \*provider\* of catalog software and service on the World Wide Web. SAQQARA's Step Search catalog \*authoring\* and publishing software is based on years of experience managing and delivering online product information...

28/3, K/25 (Item 3 from file: 621)  
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01347012 Supplier Number: 46147014 (USE FORMAT 7 FOR FULLTEXT)  
**'INDUSTRIAL STRENGTH' EDI PAVES WAY FOR RETAIL TRANSACTIONS ON THE 'NET**  
PR Newswire, p0213DETU003  
Feb 13, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 821

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...Annis, CEO of Supply Tech, Inc., believes that "industrial-strength EDI" over the Internet is \*proven\*, and that the time is right for corporations and other large organizations to start using...

... or call the retailer once the decision to buy is made. Instead, consumers will use \*electronic\* \*order\* \*forms\*. The data placed on the order forms will be translated into the standard EDI format...

...the consumer browses through catalogs, he or she will drag and drop items into the \*electronic\* \*order\* \*form\* such as size, color and quantity. After shopping is completed, the consumer can view the...

...graphic embellishments such as logos.

"After reviewing the form, the consumer needs to fill in \*credit\* \*card\* information, and then send the order electronically to the retailer."

The STFORMS software will handle the required EDI formatting of the information and \*credit\* \*card\* number encryption for security.

"With this method there is far less risk of \*credit\* \*card\* fraud than there is with paper transactions or in giving a \*credit\* \*card\* number to someone over the phone," Annis said. "The sensitive data are concealed and secure. I personally don't think transactions over the Net are any less secure than a \*credit\* \*card\* over the phone; use of this EDI technology should actually enhance the security."

"The future...

...an extensive network of offices and VARs (Value Added Resellers) around the world, Supply Tech \*provides\* comprehensive consulting and implementation services, and the industry's most flexible standards-based software and...

28/3, K/26 (Item 4 from file: 621)  
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01326317 Supplier Number: 45989073 (USE FORMAT 7 FOR FULLTEXT)  
**SBT AND CHECKFREE \*PROVIDE\* COMPLETE INTERNET COMMERCE SOLUTION**  
PR Newswire, p1205SFTU014

Dec 5, 1995

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 782

(USE FORMAT 7 FOR FULLTEXT)

**SBT AND CHECKFREE \*PROVIDE\* COMPLETE INTERNET COMMERCE SOLUTION**

TEXT:

WebTrader 2.0 Now Integrated with Checkfree's \*Credit\* \*Card\* Processing ... today announced that its electronic storefront package, WebTrader 2.0, will integrate with Checkfree's \*credit\* \*card\* processing service \*providing\* a complete, secure Internet commerce solution. The combination of SBT's WebTrader and Checkfree's Electronic Payment Processing service \*allows\* any company to sell products on the Internet, automate order entry and fulfillment and receive \*credit\* \*card\* payments electronically.

"WebTrader is the first Internet business tool that enables instant, secure sales processing directly on the World Wide Web. With the addition of Checkfree's \*credit\* \*card\* processing services, those conducting business on the Internet can increase revenues while reducing the costs of distribution," said David Harris, President of SBT Internet Systems. "SBT and Checkfree will \*provide\* an out-of-the-box, total end-to-end commerce solution for anyone who wants..."

...merchant contacting an SBT Internet Business Consultant (IBC) who will install and configure WebTrader and \*provide\* the client with the Checkfree Merchant Application package. The IBC will arrange for a Checkfree...

...s processing to the merchant's specific needs. Once the application has been processed and \*approved\*, the IBC will coordinate site testing for \*credit\* \*card\* transactions. At that point the merchant is equipped to conduct business on the Internet.

WebTrader is the most widely-installed Windows program that \*allows\* businesses to create an \*electronic\* storefront with \*order\* \*forms\* for products or services on the Web. It automatically processes the orders and sends the customer \*confirmation\* via e-mail. WebTrader initiates and completes the sales process by \*providing\* a direct, instantaneous connection between vendor and customer.

WebTrader also includes RSA Data Security's encryption software which keeps \*credit\* \*card\* numbers and other sensitive data private once it is received by the vendor's Web...

...automatically transforms the message into a standard SBT Sales Orders' bid. After the bid is \*authorized\*, it is converted to a firm order and an e-mail message \*confirming\* receipt of the order is sent via Internet to the customer. WebTrader also includes the...

...486 66Mhz or higher computer, 12 Mb of RAM, an account with a major Internet \*provider\*, Windows 3.1 or higher, a 14.4 modem, and an Internet mail connection.

With...

...Business Accountant. The Internet Systems Division includes WebSeries, a suite of Internet tools designed to \*allow\* companies to conduct business transactions via the World Wide Web.

Checkfree Corporation, a leading electronic...

28/3,K/27 (Item 5 from file: 621)  
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01304510 Supplier Number: 45808235 (USE FORMAT 7 FOR FULLTEXT)

Karen Lehman EIC 3600 10-Nov-03

Digital Ink to \*allow\* subscribers to browse first chapters of books reviewed by the Washington Post; New service also enables subscribers to purchase books online.

Business Wire, p9251209

Sept 25, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 639

(USE FORMAT 7 FOR FULLTEXT)

Digital Ink to \*allow\* subscribers to browse first chapters of books reviewed by the Washington Post; New service also...

TEXT:

...information service, The Washington Post's Digital Ink, is now offering a unique feature that \*allows\* subscribers to browse and purchase best-selling and newly published books.

... s Digital Ink. "This is the kind of resource that online information services should be \*providing\*, and you can expect many more like this from Digital Ink."

Washington Post's Digital Ink subscribers will also be able to use a \*credit\* \*card\* to purchase featured titles at list price simply by completing an online \*order\* \*form\*.

\*Digital\* Ink has teamed with Dial-A-Book, Inc., a New York information firm, to offer...

...deliver business services online to the Washington, D.C. market. It consists of the Service \*Provider\* Program, the Joint Partnership Program and Traditional Advertising.

-- Service \*Provider\* Program -- Designed for companies who want to move beyond traditional advertising and experiment with different...

...customers see and use their products online. Digital Ink works closely and partners with service \*providers\* to develop new online applications, and employs the in-depth Washington Post research database to...

...Program -- Assists entrepreneurial companies with limited marketing dollars in taking their products online. Digital Ink \*provides\* these companies with special values on advertising, market research, production and sales support. In addition...

...Dial-A-Book, Cal Simmons Travel and Capitol Concierge are members of this program and \*provide\* Digital Destination and Digital Concierge on The Washington Post's Digital Ink.

-- Traditional Advertising -- Consists...

28/3, K/28 (Item 1 from file: 636)

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03977629 Supplier Number: 53014765 (USE FORMAT 7 FOR FULLTEXT)

IBM: Mail Boxes Etc., IBM, and Infoseek introduce MBE Online.

M2 Presswire, pNA

Sept 16, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1163

... Company, (NASDAQ: OFIS), IBM, and Infoseek today introduced MBE Online, an Internet offering designed to \*provide\* a unique package of services for the small-office/home-office (SOHO) market.

MBE Online...

03836465 Supplier Number: 48333193 (USE FORMAT 7 FOR FULLTEXT)  
**INTERGRAPH: First manager appointed to GeoMedia Services, Intergraph's fast-growing Internet business**

M2 Presswire, pN/A

March 3, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 773

... growing one-stop shop on the Internet that supplies map-based information from private data \*providers\* and government agencies.

"We intend to expand GeoMedia Services very rapidly. Potentially it could devil..."

...Net-Map national data set, we are already offering an interactive geographical referencing service that \*allows\* customers to access, identify and pay for material. Indeed, we were the first commercial \*provider\* to sign such a contract with the Agency."

Very shortly, English Nature Sites of Special...

...what facilities are available, such as shops, pubs and leisure activities.

"Net-Map will also \*allow\* them to look up the locality and performance of local schools, simply clicking on the..."

...geomediaservices.co.uk

Additional or more detailed data can be obtained by filling in an \*electronic\* \*order\* \*form\* on screen. Payment can be made by \*credit\* \*card\* or by setting up an account.

Company background information

Intergraph is the world's leading...

...to meet business needs in the Government, Transportation and Utilities industry sectors.

Intergraph Industry Solutions \*provides\* software and solutions, including consulting, services and hardware, for industries which include Process, Building, Civil...

...1793 492790 WWW: <http://www.intergraph.com/uk/>

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02992615 Supplier Number: 46104864 (USE FORMAT 7 FOR FULLTEXT)  
**Lotusphere - More On Lotus eApps For Notes/Web 01/30/96**

Newsbytes, pN/A

Jan 30, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 948

... slated for availability in February, Lotus's new Notes/Web-based publishing service will be \*provided\* by Lotus over an architecture that includes a Notes server, an HTTP (hypertext transport protocol...

...on the Lotus home page and submitting a subscription form. After the

subscription has been \*approved\*, the user will be sent a URL (uniform resource locator) for accessing the publication on...

...as they can today with regular "Newsstand" publications.

The four forthcoming eApps from Lotus will \*provide\* customers with "mix-and-match" tools for building on-site, server-based services for publishing...

...browser or any of the three versions of the Notes client.

The "full Notes client" \*allows\* for applications development. The "desktop client" is a run-time version that performs most of...

...threaded discussions between users of Notes clients and Web browsers, while also permitting development of \*electronic\* \*order\* \*forms\* that can be filled out on either Notes or the Web for automatic submission to...

...Lotus also intends to offer building blocks for subscription management, security, and electronic payment by \*credit\* \*card\*, according to Dougherty. The security module will \*allow\* storage and \*verification\* of Web browser registration and password information in Notes databases.

The electronic payment building block...

**28/3, K/31 (Item 4 from file: 636)**  
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02966064 Supplier Number: 46040716 (USE FORMAT 7 FOR FULLTEXT)  
**JONES DIGITAL STORE LAUNCHES FOR EASY ON-LINE SHOPPING, EDUCATION, INFORMATION**

Worldwide Videotex Update, v15, n1, pN/A

Jan 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 490

... for courses directly using the on-line location.

Currently, customers purchase items from the Jones \*Digital\* Store through \*order\* \*forms\* on the Home Page which prompt a return phone call from the vendor. A new secured service \*allows\* customers to place items into a virtual shopping basket and enter their \*credit\* \*card\* account for payment.

Dr. Bernard Luskin, president of Jones Digital Century, said "Jones Digital Store is a key element of our long-term business strategy to \*provide\* education, entertainment and information services via electronic means."

Jones Digital Century develops digital publishing and...

**28/3, K/32 (Item 5 from file: 636)**  
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02965452 Supplier Number: 46040048 (USE FORMAT 7 FOR FULLTEXT)  
**JONES DIGITAL STORE OFFERS ON-LINE SHOPPING, EDUCATION, AND INFORMATION**  
Modem User News, v8, n1, pN/A

Jan 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 389

... immediate callback from a Dixon Paper Store representative."

Currently, customers purchase items from the Jones \*Digital\* Store through \*order\* \*forms\* on the Home Page which prompt a return phone call from the vendor. A new secured service \*allows\* customers to place items into a virtual shopping basket and enter their \*credit\* \*card\* account for payment.

Dr. Bernard Luskin, president of Jones Digital Century, said "Jones Digital Store is a key element of our long-term business strategy to \*provide\* education, entertainment and information services via electronic means."

Jones Digital Century develops digital publishing and...

28/3, K/33 (Item 6 from file: 636)  
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02960905 Supplier Number: 46032822 (USE FORMAT 7 FOR FULLTEXT)

**BANKING AND FINANCE:Complete Internet Commerce Package**

dot.COM, v2, n10, pN/A

Jan 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 355

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...package, WebTrader 2.0, will integrate Checkfree's (8275 North High St., Columbus, OH 43235) \*credit\* \*card\* processing service \*providing\* a complete, secure Internet commerce solution. The combination \*allows\* any company to sell products on the Internet, automate order entry and fulfillment and receive \*credit\* \*card\* payments electronically. WebTrader has a suggested retail price of \$1,295.

... merchant contacting an SBT Internet Business Consultant (IBC) who will install and configure WebTrader and \*provide\* the client with the Checkfree Merchant Application package. The IBC will arrange for a Checkfree...

...s processing to the merchant's specific needs. Once the application has been processed and \*approved\*, the IBC will coordinate site testing for \*credit\* \*card\* transactions. At that point the merchant is equipped to conduct business on the Internet.

WebTrader \*allows\* businesses to create an \*electronic\* storefront with \*order\* \*forms\* for products or services on the Web. It automatically processes the orders and sends the customer \*confirmation\* via email. WebTrader initiates and completes the sales process by \*providing\* a direct, instantaneous connection between vendor and customer. WebTrader also includes RSA Data Security's (100 Marine Pkwy., Suite 500, Redwood City, CA 94065-1031) encryption software which keeps \*credit\* \*card\* numbers and other sensitive data private once it is received by the vendor's Web...

...486 66Mhz or higher computer, 12 Mb of RAM, an account with a major Internet \*provider\*, Windows 3.1 or higher, a 14.4 modem, and an Internet mail connection.

For...

PRODUCT NAMES: 7372400 (Applications Software); 7374341 (\*Credit\* \*Card\* Processing Services)

28/3, K/34 (Item 7 from file: 636)  
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02644369 Supplier Number: 45355031 (USE FORMAT 7 FOR FULLTEXT)

**INFOBANK LAUNCHES THE INFOBANK CORPORATE COLLECTION**

M2 Presswire, pN/A

Feb 24, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 853

... venture capitalists 3i, has launched the Infobank Corporate Collection, an electronic business shopping service which \*provides\* corporate users with access to approximately 1,400 business products and services, from leading brand...

...Microsoft Windows interface, the Infobank Corporate Collection is divided into a number of different categories \*allowing\* simple navigation through the business superstore.

The main categories are: business services; company information; address...

...relocation, and management services; agency showcase detailing general marketing services; Infobank on -line, which will \*provide\* access to services such as credit checks from Dun & Bradstreet.

To purchase any item from...

...the user telephones or faxes Infobank quoting a customer ID, products to be purchased and \*payment\* \*method\*. Infobank then \*verifies\* the transaction and in the case of some software and information products, \*provides\* a password which is then used to unlock the products purchased. Once the user enters...

...products will be shipped the same day. Contained within the Corporate Collection is a simple \*electronic\* \*order\* \*form\* which can be completed on screen and then faxed to Infobank.

Within the Corporate Collection...

...tool for corporates looking to improve their internal corporate communications, but in a way which \*provides\* complete flexibility and control.

Graham Sadd, managing director of Infobank said, "With the Infobank Corporate Collection we are \*providing\* corporates with a new means of purchasing. It takes into account existing preferences, but empowers...

...market, the Corporate Collection uses a combination of CD-ROM and on-line technology to \*provide\* users with electronic brochures, magazine reviews and pricing information about business products and services.

Infobank...

...Glazer, Firefly Communications Tel: +44 171 381 4505

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02198472 Supplier Number: 44159679 (USE FORMAT 7 FOR FULLTEXT)

**Try Before You Buy Software Apps CD From Apple 10/11/93**

Newsbytes, pN/A

Oct 11, 1993

Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 578

Apple's Software Dispatch division will handle 800 number calls from users who, after \*providing\* a \*credit\* \*card\* number to purchase the software, can unlock applications on the Software Dispatch CD-ROM disc...

...may select the software by clicking on a button that adds the title to an \*electronic\* \*order\* \*form\*.

Once purchased, the \*electronic\* key immediately \*allows\* installation from the CD to the hard disk and a full set of product documentation...

...has 23 Microsoft programs on it available for users to purchase over the phone.

"By \*allowing\* customers to try before they buy, Software Dispatch helps the customer make a more informed...

**28/3, K/36 (Item 9 from file: 636)**  
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01831665 Supplier Number: 43117021 (USE FORMAT 7 FOR FULLTEXT)

**UPDATE: FAX SERVICES FOR PUBLISHERS**

Morgan Report on Directory Publishing, pN/A  
July, 1992

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1856

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...not so new) companies are offering fax response and broadcasting services to publishers and information \*providers\*. Like their voice counterparts, many are service bureaus that bill clients for fax transmission services \*provided\* on high capacity, multi-line systems. Others are \*providing\* integrated hardware/software solutions (sometimes called a fax server) installed at the client site and...

... format such as press releases and marketing brochures. Generally speaking, it's the larger service \*providers\* with gateways to long distance phone networks that are capable of handling variable length records...

...Demand services. Sprint has also been testing a fax response service which it says would \*allow\* SprintFax to receive high-volume responses to publishers' listing and \*order\* \*forms\*, store the responses \*digitally\*, and then deliver the information to the publisher in hardcopy or electronic formats.

To utilize Sprint's broadcast distribution services, clients \*provide\* distribution lists that are kept on file as needed. Clients call the SprintFax system via...

...HostLink in late summer for IBM mainframes using SNA and X.25 protocols. HostLink will \*allow\* SprintFax to electronically receive mainframe and minicomputer files that a publisher would normally deliver to...

...client, to the caller's telephone through a 900 number, or to the caller's \*credit\* \*card\* account.

Customers can upload documents to their on-demand account using the

same optional SprintFax...

...long distance network. Customers connect their own fax machines to a regular phone line. MCI \*provides\* tracking mechanisms such as accounting and ID codes and monthly detail reports and summaries of calls made.

Fax Dispatch is a fax message delivery service for MCI Mail subscribers that \*allows\* users to send fax messages from a personal computer to up to 10 million fax...

...is not designed for high-volume broadcasting or document delivery.

MCI's fax Broadcast service \*allows\* the customer to fax messages to MCI and have MCI distribute them simultaneously to a specified list of fax numbers. MCI \*allows\* the user up to 1,000 addresses per list and an unlimited number of lists. MCI \*provides\* a standardized message format, but documents can also be customized and personalized. Delivery and cancellation...

...changes to MCI is free. There is also no charge for list storage.

MCI also \*provides\* broadcast summary, inquiry, detail and list summary reports indicating message status and charges. Volume discounts... with several major on-line database publishers, including Thomas Register and Standard & Poor's, to \*provide\* audiotex searching access with fax response. The company's current line of services includes: TouchTex...  
...engineering literature from around the world.

For Thomas Publishing (New York, NY), Searchcraft is currently \*providing\* Thomas Register by Fax, which \*allows\* access to the complete Thomas Register database as it resides on Dialog. The file contains...

...and more detailed company descriptions for \$2 each; charges are billed to the caller's \*credit\* \*card\*. 900 callers pay \$1.50 per minute and may request a list of local suppliers...

...the caller's telephone number.

World Data Delivery Systems, Inc. (WDDS) (Harper Woods, MI) also \*provides\* fax box services, fax broadcasting and fax on-demand systems (through both 800 and 900...).

...offering dealer, in addition to data that regularly appears in the printed version. WDDS also \*provides\* fax response services for the retrieval of sales literature, article reprints, financial information, product pricing...

...and business information.

TMR also spoke with The Turbo Group (Guttenberg, NJ), an equipment vendor \*providing\* turnkey systems for both fax broadcast and fax on-demand applications. The company's TurboFAX...

...phone lines. Fax on-demand users can set up each voice/fax line separately to \*allow\* for simultaneous broadcast and response operations. Documents are converted and stored in memory. Documents can...

28/3, K/37 (Item 10 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01546409 Supplier Number: 42254549 (USE FORMAT 7 FOR FULLTEXT)

**WHAT'S HAPPENING IN NEURAL NETWORKS**

Intelligent Software Strategies, v7, n8, pN/A

August, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2390

... we'll confine our comments to the announcements of the major neural network companies, then \*provide\* an overview of the state of the neural network market based on the vendor announcements...

...to bundle it with the latest release of the AS/400 workstation.

\* Handprint Character Recognition \*proved\* itself a hot technology, with several companies marketing products.

\* HNC was selling an optical character...

...use in its PenPoint operating system, and NCR for its pen-based notepad computer. Nestor \*provided\* an interactive demo of the NestorWriter handprint character recognition system that drew lots of attention...

...constrained and unconstrained numerals and constrained uppercase characters (characters written in boxes, such as on \*credit\* \*card\* forms, etc.).

With Quickstrokes, data such as tax forms, medical claims, sales \*order\* \*forms\*, etc., are scanned \*electronically\*. All subsequent processing ...expert systems, genetic algorithms, abductive reasoning tools, neural nets, and fuzzy logic shells. NET-Link+ \*provides\* C functions that \*allow\* developers to combine Neuron Data's Nexpert Object with NeuralWare's NeuralWorks Pro II/Plus...

...real possibility. The use of chip-based neural networks is significant in that it will \*allow\* networks deployed as chips to be embedded in a wide range of commercial and industrial...

...chip from Neural Semiconductor of San Diego, California, in its NeuralWorks Pro/II Plus tool, \*allowing\* developers to embed their networks into chips.

#### Other Developments

Although IBM can not be considered...understand that people are interested in practical applications of neural net technology, as they have \*provided\* lots of success stories on various applications that have been developed using their programs. These...

...the number of jurors needed for a case.

#### Conclusion

Neural network technology is becoming more \*accepted\* and it appears that we are just beginning to see some real benefits resulting from...

28/3, K/38 (Item 1 from file: 16)  
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06133831 Supplier Number: 53883342 (USE FORMAT 7 FOR FULLTEXT)

Cash.

Chepeliuk, Ron

Video Store, v21, n5, p19(1)

Jan 31, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1987

... three-store Rain City Video and president of Screenplay Inc., a Seattle-based company that \*provides\* in-store previews for video stores.

Charge cards are currently the principal medium of choice for payment on the Internet. But consumers worry that the \*credit\* \*card\* information they send through cyberspace will be intercepted before it gets to the retailer or...

...Com Entertainment, which sells videos, games and other products, uses Cyber Source, a clearinghouse that \*allows\* the company to use real-time \*authorization\* to debit customer \*credit\* \*cards\*.

"About 95 percent of our orders are placed by the use of \*credit\* \*cards\*, and we are driven by what our customers want," says Michael Mason, Buy.Com Entertainment...

...business online are concerned with who their customers are, and if they are giving valid \*credit\* \*cards\* numbers.

"The fraud problem is mostly at the international, not the domestic level," explains Gus...

...Famous Distributors and Second Spin video stores. "To avoid getting burned, we have learned to \*verify\* the address of customers from abroad."

Internet retailers also need reliable links between their payment...

...is the belief -- or hope -- that cyberspace merchants won't have to pay fees for \*credit\* \*card\* transactions. "Handling physical cash and paper checks is expensive for banks, customers and retailers," says...

...computer. The Cybercash Wallet software offers retailers and consumers a number of payment instruments, including \*credit\* \*cards\*.

To make a payment, the consumer clicks on the CyberCash "pay" button, which is displayed...

...electronically to the consumer's computer, along with software that manages it.

A video retailer \*accepting\* E-cash will ask the consumer to fill out an \*electronic\* \*order\* \*form\* that specifies the amount of the purchase. To \*accept\* E-cash, retailers need to arrange with their service \*provider\* to have E-cash software installed on their servers.

Both Cybercash and Digicash rely on...his PIN.

The retailer then e-mails the customer's PIN to First Virtual for \*verification\* and for the customer's ID. Here, the retailer never knows the customer's real name. In the final step, First Virtual sends an e-mail \*confirmation\* to the customer regarding the purchase.

"These three companies offer many of the same services...

...determine which one fits his or her needs."

Smart Cards: These cards look like typical \*credit\* \*cards\*, but with one huge difference: Smart Cards have a microchip device that stores and processes...

...for \$30."

TVL is integrating Smart Card technology into its point-of-sale system to \*allow\* video retailers to build customer rental and purchase profiles that can be a big help...

...the digitally signed form via e-mail or through some other form of electronic delivery.

\*Authentication\* is \*verified\* through encryption technology. Cybercash, in collaboration with its business partners, has a service called Pay Now that \*allows\* customers to pay their bills with electronic checks.

"Our company is investigating digital checks right...

...cost of implementing it.

"To reduce costs, retailers can start by offering consumers a simple \*credit\*-\*card\*-number encryption feature on their Web site. If the demand is there, they should adopt..."

...transaction processing system that presents fewer risks, since the system includes anti-fraud features that \*verify\* and secure the information given by consumers."

But don't be dazzled by the technology...

...money in cyberspace is going to come out, but the customer is not going to \*accept\* all of it."

Ron Chepesiuk is a freelance business writer based in Rock Hill, S...

**28/3, K/39 (Item 2 from file: 16)**  
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05400935 Supplier Number: 54487138 (USE FORMAT 7 FOR FULLTEXT)

**Ziff-Davis' Online Gold Mine.**

MILANO, DOMINIC

Interactivity, v3, n2, p41(1)

Feb, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2755

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...THE PABRIC OF CYBERSPACE without the aid of secure transaction serve s automated online credit \*verification\*, and the myriad other technologies of electronic commerce, think again. More than a few Web...

... When we looked at the Net, we saw it as the next logical step in \*allowing\* people to do comparison shopping. If you look at the way people use the Net...sell anything ourselves. We maintain a secure server in Austin that lets us store members' \*credit\* \*card\* information, but we did not want to be in the transaction business. We don't...

...others are just getting started. We wanted to keep it simple, so we created an \*electronic\* purchase-\*order\* \*form\* that can include nothing more than a vendor's 800 number and logo. The other...

...a place for the customers to specify their name, a ship-to address, and the \*payment\* \*method\*. There's also a facility for a person to copy someone in their company who might have to give \*approval\* or otherwise be notified by fax, phone, or email that something is being bought.

For individuals buying things for their home, they can simply ask the vendor to call for \*confirmation\*. So when the vendor gets the form, it'll say "call Al at 203... for \*credit\* \*card\* information and \*authorization\*"

Many print publishers attempt to leverage their existing editorial and sales staffs, requiring them to...

**28/3, K/40 (Item 3 from file: 16)**  
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04766501 Supplier Number: 47016522 (USE FORMAT 7 FOR FULLTEXT)

**Commerce demands cooperation**

InfoWorld, p45

Jan 6, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1936

... Web commerce operations entirely out of IT and into its marketing department. Other organizations have \*acknowledged\* the need for cooperation with sales, marketing, and graphics personnel.

LETTING GO. IT managers face...

...IT personnel access to IT resources.

"One of the things we're wrestling with is \*providing\* a maximum amount of flexibility for our marketing and advertising departments, while at the same time \*providing\* a site that's bulletproof," says Steve San Marchi, CIO of UCLA Store, in Westwood...

...and marketing personnel have complete access to static information, such as Web pages and graphics, \*allowing\* them to change just about any aspect of the storefront's look and feel.

"Ideally...

...hardware and communications facilities, however, are handled solely by UCLA Store's IT personnel. This \*allows\* UCLA Store to keep the site secure while eliminating potential problems that nontechnical users might...

...full report on Web site outsourcing.)

Building an electronic storefront from scratch includes developing online \*order\* \*forms\*; an \*electronic\* "shopping cart" that \*allows\* shoppers to buy multiple items; an online catalog, or product database; and secure transaction-handling...

...such as Microsoft's Merchant Server, Netscape's Enterprise Server, and iCat's Commerce Suite \*provide\* all the components necessary to build an e-commerce site.

iCat's Commerce Suite, which sells for \$1,500, \*allows\* companies to get up and running quickly and inexpensively, often for less than \$40,000

...

...the Web for as little as \$15,000.

Low-cost products such as iCat's \*allow\* companies to spend their money developing graphics to make their site more compelling or easier...

...with orders from 10-year-olds with online shopping habits that far outstrip their weekly \*allowances\*, make sure browser-challenged America Online users can shop on your Web site, or handle orders from international shoppers using non-U.S. \*credit\* \*cards\*, such as the EuroCard, or shoppers without \*credit\* \*cards\* at all?

How online merchants deal with the unexpected can mean the difference between success...

...real gotcha Dakin Farm encountered: "We were very focused on developing our shopping card and \*credit\* \*card\* capabilities, but then we discovered that there are many browsers that could not tap into..."

...WWF). His customer base includes a preponderance of teenage boys, who are unlikely to use \*credit\* \*cards\* to pay for Web-based purchases.

Hoffmann solved this by adding an option for paying...

28/3,K/41 (Item 4 from file: 16)  
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03991191 Supplier Number: 45795236 (USE FORMAT 7 FOR FULLTEXT)

Karen Lehman EIC 3600 10-Nov-03

**Leading Hotels joins Internet**

Hotel & Motel Management, p52

Sept 18, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 134

Created in cooperation with The Interactive Connection Inc., the site \*provides\* background on The Leading Hotels of the World, an index of all member hotels and...

...the property, such as facilities and services, communications data, the 1995 rate range and which \*credit\* \*cards\* are \*accepted\*.

Internet users can request a copy of the 1995 Leading Hotels' Directory as well as individual hotel brochures through the use of the \*electronic\* \*order\* \*form\* that is included in the site.

**28/3, K/42 (Item 1 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB

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10460123 SUPPLIER NUMBER: 21129840 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Mail Boxes Etc., IBM and Infoseek to Introduce MBE Online, a New Internet Offering Tailored to Meet the Needs of Small-business Owners.

Business Wire, p9150167

Sept 15, 1998

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1187 LINE COUNT: 00106

TEXT:

...Company, (NASDAQ: OFIS), IBM and Infoseek today introduced MBE Online, an Internet offering designed to \*provide\* a unique package of services for the small-office/home-office (SOHO) market.

... Online (URL: mbeonline.infoseek.com), has linked these topics directly to content on Infoseek.com, \*providing\* quick access to helpful business information without searching, making the service easy to use for ...!

...to extend its world-class customer service solutions into the virtual world.

In addition to \*providing\* online resources geared for small businesses, MBE Online will offer a "virtual MBE center," including a custom print shop and an MBE locator. Plans call for development of \*digital\* parcel shipping \*order\* \*forms\* and e-commerce delivery of goods to MBE centers.

"By virtue of MBE's mission, technology strategy, and thousands of convenient locations, we are ideally positioned to be the premier \*provider\* of both physical and virtual business services for the SOHO consumer," said James Amos, MBE...

...MBE will offer U.S. customers a customized Internet access kit (URL: www.ibm.net) \*provided\* by IBM Global Services. Through MBE Online, customers also will have access to IBM HomePage...

...URL:www.ibm.com/hpc). IBM is one of the world's leading Internet service \*providers\* with 1,330 local access points in 52 countries.

"By combining the market presence of...

...to help fulfill the e-business needs of the small and medium business marketplace by \*providing\* a suite of electronically delivered e-business

services in an affordable and efficient manner," said...

...businesses.

"Infoseek has always had the small-business owner in mind. We've worked toward \*providing\* extensive resources and valuable services to make a business owner's life easier," said Harry Motro, president and CEO of Infoseek. "The arrangement with IBM and MBE \*allows\* us to take it to the next level and give users the tools they need..."

...business kiosks in hotels and other key travel locales. MBE Business Express features 24-hour, \*credit\* \*card\*-activated, self-service business systems for traveling workers, small-business owners, and consumers who need...

...of approximately \$26 billion, IBM Global Services is the world's largest information technology services \*provider\*. IBM's fastest growing business segment has an unsurpassed breadth of capabilities, and more than...

...and one of the world's largest directories of Web sites organized by topic, Infoseek \*provides\* consumers with a familiar and meaningful search experience in addition to accurate, high-quality search...Office Products:

U.S. Office Products Company (USOP) is one of North America's leading \*providers\* of office supplies, office furniture, and office breakroom products featuring Starbucks(R) Coffee. It also...

28/3, K/43 (Item 2 from file: 148)  
DIALOG(R) File 148: Gale Group Trade & Industry DB  
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09221370 SUPPLIER NUMBER: 19042441 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**No privacy on the Net. (Internet/Web/Online Service Information)**  
Rothfeder, Jeffrey  
PC World, v15, n2, p223(7)  
Feb, 1997  
ISSN: 0737-8939 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4049 LINE COUNT: 00316

...ABSTRACT: to intercept. Electronic messages can be protected with encryption, which scrambles a message and only \*allows\* the intended recipient to decipher it. Phil Zimmerman's Pretty Good Privacy is the unofficial...

... computer," Kantzes says.

Although the Star-Tribune article was published with Kantzes's permission, it \*provides\* a chilling example of just how much personal data can be collected on the Net...

...anonymous remailers--and by being selective about the sites you visit and the information you \*provide\*--you can minimize, if not completely eliminate, the risk of your privacy being violated.

Who...

...to eavesdroppers, because it's often full of juicy information, from secret corporate strategies to \*credit\* \*card\* numbers. Some e-mail contains headers with log-ins and passwords, \*allowing\* hackers to sign on and gain complete access, even to secure areas.

The only way...mail you receive. One way is to complain to Web site managers, your Internet service \*provider\*, or your online service.

Last September America Online received enough complaints about electronic junk mail...

...says Robert L. Smith, Jr., executive director of the ISA.

Since most information online is \*provided\* by users themselves, the best advice for avoiding unwanted marketing advances is the simplest: Don

...

...t

It's a simple fact, though perhaps a hard one for most people to \*accept\*: No one's anonymous and nothing's private in chat rooms and newsgroups. Every mes...

...the Net as a virtual store. Last year it began letting customers buy products \*electronically\* by submitting \*electronic\* \*order\* \*forms\*.

The company felt it could safely offer this service because it had installed the latest...

...survey of computer users found that only 5 percent of respondents said they trust sending \*credit\* \*card\* and other financial data over the Net. In fact, shopping on the Net is somewhat safer than using your \*credit\* \*card\* to buy goods over the phone. The loss to businesses from Internet hacking is only... consumer's PC and remains that way until it reaches the bank that is \*approving\* the sale. The most widely supported approach to encryption is a plan known as SET...

...year.

Electronic money, or e-cash, is a competing approach that isn't based on \*credit\* \*cards\* at all. Instead, you place money in an e-cash account at a bank on...

28/3, K/44 (Item 3 from file: 148)

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08115175 SUPPLIER NUMBER: 17367411 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
MCI LAUNCHES PREPAID CARD SALES ON THE INTERNET AT marketplaceMCI.

Business Wire, p9081072

Sep 8, 1995

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 499 LINE COUNT: 00050

TEXT:

ATLANTA--(BUSINESS WIRE)--Sept. 8, 1995--MCI Telecommunications is bringing the simplicity and convenience \*provided\* by its MCI PrePaid long distance telephone calling cards to customers in Cyberspace.

... by entering the MCI Store in marketplaceMCI, clicking on specific card(s) and completing an \*electronic\* \*order\* \*form\*. MCI's Internet browser software executes an encrypted \*credit\* \*card\* transaction, ensuring that the calling card order is secure and free from possible electronic eavesdropping...

...Exclusive to MCI's PrePaid Card is it's newest feature, Traveler's Assist, which \*allows\* callers to access a database of information including weather, hotel and restaurant recommendations. "Americana" cards

...  
...business to become the world's third largest carrier of international calling and a premier \*provider\* of data communications over the vast Internet computer network. With annual revenue of more than \$13.3 billion, the company today \*provides\* a wide array of consumer and business long distance and local services, data and video...

28/3, K/45 (Item 4 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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07750308 SUPPLIER NUMBER: 16734715 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Sony opens umbrella of online services. (Sony Corp.; Sony Online)**

Gillen, Marilyn A.

Billboard, v107, n9, p68(1)

March 4, 1995

ISSN: 0006-2510 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 601 LINE COUNT: 00047

...ABSTRACT: as Sony Music Entertainment Inc., Sony Electronic Publishing Inc. and Sony Signatures Inc. The site \*allows\* users to access news and videoclips as well as information on latest product offerings.

... a shopping list as they browse through the pages' offerings and then fill in an \*electronic\* \*order\* \*form\* to fax to Sony - or call an 800 number. Actual online order processing awaits resolution of some \*credit\*- \*card\* security issues, according to a company executive.

Also due soon are a Sony Pictures area...

28/3, K/46 (Item 5 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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07651143 SUPPLIER NUMBER: 15975671 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**What PDAs can do for salespeople now. (personal digital assistants; advertising supplement) (Buyers Guide)**

Katsaros, John

Sales & Marketing Management, v147, n1, p110(4)

Jan, 1995

DOCUMENT TYPE: Buyers Guide ISSN: 0163-7517 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1748 LINE COUNT: 00134

... she downloaded earlier in the morning and sees that the parts are in stock.

Mary \*confirms\* availability and, using the "electronic pricebook" application on her PDA, \*confirms\* the price as well. While the client gives her the purchase-order number, Mary fills out an \*electronic\* \*order\* \*form\* and taps "SEND." Within a few seconds, the order is transmitted to the home office system through the digital cellular network and Mary receives a \*confirmation\* -- the urgent request can be filled right away!

Since she still has a few minutes...

...as an electronic notebook as well, Mary once again checks the "To Do's" to \*confirm\* that she's followed up on all but one. She decides it's probably best...

...note. Since her PDA already knows her mother-in-law's address and Mary's \*credit\* \*card\* number, it will automatically FAX the order next time she hooks up to a phone...

...Connecticut, points out that a "killer application" for PDAs will not be enough to gain \*acceptance\* within an industry segment. What is needed is the killer solution. Boone, \*author\* of Leadership and the Computer (Prima Publishing, 1993), points out that "The success of PDAs...has taken the PDA market only two years to produce the beginnings of a mainstream \*acceptance\* is really more remarkable than it is an sign of on industry failure.

Today's...

...in organizer functions like a calendar and a names file. Their computer-like internal designs \*allows\* third party software \*authors\* to write an array of applications for these units including spreadsheets, contact management, on-line...

...application capability. As today's units become more functional, wireless communications networks will expand to \*provide\* unprecedented roaming capability. The voice cellular networks will soon receive their digital upgrades to \*allow\* for two-way wireless data transfers. Wide area metropolitan networks connected to the Internet will \*allow\* access to tens of thousands of computer networks worldwide.

John Katsoros is president of Collaborative...

...Los Altos, California, a high tech consulting firm based in Silicon Valley. He is the \*author\* of "Tricks of the Internet Gurus," published by SAMS Publishing.

A PDA Day  
Cupertino, California...

...to print out their names file when they travel.

"What we've done is to \*provide\* a companion tool for our existing ACT users," says product manager Cable. "We see the..."

28/3, K/47 (Item 6 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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05776990 SUPPLIER NUMBER: 11839172 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Technologies and services for mobile datacom; pen-and-pad computers and  
small notebook PCs are moving computer users out of the office and into  
the field.

Brodsky, Ira  
Business Communications Review, v22, n2, p45(6)  
Feb, 1992  
ISSN: 0162-3885 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3805 LINE COUNT: 00312

... the hassle.

Communicating from a laptop over the public network while on the road can \*prove\* all but impossible. Several hotel chains have "hardwired" room telephones into the wall to prevent...

...forms and carbon copies are ripe for replacement by this new technology.  
A pen computer \*accepts\* stylus input. The pen may be used in addition to, or in place of, a...

...but You Can't Hide

Another technology - radiolocation - is being integrated with mobile computers to \*allow\* mobile users and their supervisors to track their location in real time. There are two...

...and (2.) the U.S. Navy's satellite-based Global Positioning System (GPS) which will \*provide\* 24-hour-per-day, worldwide coverage when its low earth orbit satellites are fully deployed...ramifications are significant: Freight carriers can locate and communicate with trucks on the road to \*verify\* status, reschedule pickups and reduce "phone check" stops. Stolen vehicles can be tracked and thieves apprehended. Taxi and rental car drivers can access navigational information - \*providing\* route directions

replete with reports on construction and traffic alerts.  
Status of Mobile Data Services...

...into the financial big leagues. Geoff Goodfellow, president of Anterior Technology (Menlo Park, CA), which \*provides\* a gateway to interconnect wireline E-mail systems and wireless networks, believes "Wireless E-mail...

...be reached so that mail can be rerouted; the network has no way of immediately \*verifying\* that the mail was received by the user; and the networks do not offer any...

...NewsStream contains 32 kbytes of storage, which can be divided between up to 56 messages, \*allowing\* the user to receive messages up to 1,500 characters long even when the PC...

...business development, Martin Levetin, said, "We are talking to just about every company involved in \*providing\* landline E-mail service or software, or developing E-mail applications.

Levetin believes ...computers could create a huge market for wireless E-mail. "A customer would sign an \*electronic\* \*order\* \*form\* and the factory would know about it within seconds."

RAM and Ericsson have enlisted the help of Anterior Technology and Research in Motion (RIM). Anterior will \*provide\* connectivity between RAM's network and major landline E-mail nets (e.g., the Internet...)

...agreed to create software programs for portable PCs and an application program interface (API) to \*allow\* application developers to utilize RAM's radio network for electronic mail without having to learn...

...to close up shop. Investors decided to pull the plug after DRN had constructed a \*credit\* \*card\* \*verification\* network spanning 65 cities. With small merchants content to use dial-up circuits (often requiring...

...whether DRN failed because of limitations of its network or because the business case for \*credit\* \*card\* \*verification\*/\*authorization\* via radio was flawed.

Another service, called mobile satellite service (MSS), hopes to serve maritime...

...today) or on foot (later this decade). As an adjunct, some mobile satellite services also \*provide\* radiolocation services.

Qualcomm (San Diego, CA) has been successful at using MSS to serve the...

...steered mobile antennas and spread spectrum transmission techniques.

But all is not well among MSS \*providers\*. Qualcomm's chief competitor, Geostar, ran out of money and was forced to shut down...

...it had hoped to cultivate. Meanwhile, American Mobile Satellite Corp. (AMSC) suffered what will probably \*prove\* to be only a temporary setback when its license to build a proprietary mobile satellite...

...systems, which are placed in orbit only a few hundred miles high. In order to \*provide\* continuous coverage to locations on the ground, a fleet of LEOSS must be launched into...

...for LEOSS range from emergency road service (Orbcomm - a division of Orbital Sciences Corp.) to \*providing\* cellular telephone service in developing countries (Motorola's "cellular network in the sky" project, dubbed...

...awarded suggest that LEOSS systems will need several years before they

are ready to begin \*accepting\* customers.

    Data-over-Cellular Telephone, Anyone?

    It is no surprise that organizations interested in automating...of brief messages, networks designed specifically for wireless data (e.g., Ardis and RAM) will \*prove\* both more economical and more reliable.

    If you think the next-generation digital cellular networks...

...by responding to pointing and gestures, and even by interpreting handwriting. And portable computers that \*accept\* "electronic ink" will be a natural fit for wireless data networks.

    Wireless E-mail will...

...boss or telemarketers. Combined with originate-only pocket telephones, two-way wireless E-mail will \*allow\* users to receive information wherever they happen to be - but they will retain the ability...

...and respond to incoming messages as they see fit.

    If the wireless data network service \*providers\* get their way, a large portion of the 48 million mobile workers in America will...

**28/3, K/48 (Item 7 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03900038      SUPPLIER NUMBER: 06967948      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Second Annual Directory of Human Resources Services, Products and  
Suppliers, January 1989. (directory)**

Personnel, v66, n1, pD1(167)

Jan, 1989

DOCUMENT TYPE: directory      ISSN: 0031-5702      LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 155534      LINE COUNT: 14711